1001-63 07/25/2005 1/21

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☑ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1001-63	2. EPA Product Manager Waller	3. Proposed Classification ☐ None ☐ Restricted
4. Company/Product (Name) Cleary Chemical Corp. / 3336WP Systemic Fungicide	PM# 21	
5. Name and Address of Applicant *(Include ZIP Code)* Cleary Chemical Corporation 178 Ridge Road Dayton, NJ 08810 ☐ *Check if this is a new address*	6. **Expedited Reveiw.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

☐ Amendment - Explain below.
☑ Resubmission in response to Agency letter dated 6.28.05
☑ Notification - Explain below.
☐ Final printed labels in repsonse to Agency letter dated _____
☐ "Me Too" Application.
☐ Other - Explain below.

NOTIFICATION
JUL 25 2005

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Add by notification (as per PR-Notice 98-10) the following referral statement (as required by EPA Review Manual, Chapter 3, Section II B) to the master label for optional use when a booklet label is utilized:

"See booklet label for additional precautionary statements and directions for use."

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☐ Label ☐ Container		☐

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☐ Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Karen A. Plumley, Ph.D.	Director-Regulatory	800-624-1662

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received
(Stamped)

2. Signature [signature]	3. Title Director-Regulatory
4. Typed Name Karen A. Plumley, Ph.D.	5. Date 7/14/05

 2/21

NOTIFICATION
JUL 2 5 2005

Master Label

3336 WP

TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE
IN WATER SOLUBLE BAGS

Commercial Product, General Use: For Turf and Ornamental Applications
Homeowner Product, General Use: Ornamental Applications Only
(Not subject to Worker Protection Standard)

For the prevention and control of turf diseases and the diseases of annual and perennial flowers, bedding plants, foliage plants, ground covers, plus deciduous and evergreen trees and shrubs.

ACTIVE INGREDIENT:
Thiophanate-methyl (dimethyl 4,4'-o-phenylenebis[3-thioallophanate]) 50.00%
INERT INGREDIENTS..... 50.00%
TOTAL. 100.00%

Cleary Chemical Corp.
178 Ridge Road
Dayton, NJ 08810

EPA Reg. No 1001-63

Keep Out Of Reach Of Children

CAUTION

Optional referral statement for use with booklet label:

See booklet label for additional precautionary statements and directions for use.

FIRST AID

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or when going for treatment.
For 24-Hour Emergency Assistance Call Chemtrec 1-800-424-9300

Cleary Chemical Corporation

178 Ridge Road, Suite A, Dayton, New Jersey 08810-1501

732-329-8399 800-524-1662

NET CONTENTS: 2 Pounds (0.9 Kg)
(CONTAINING 4 – 8 ounce WATER SOLUBLE BAGS)

EPA Reg. No. 1001-63 EPA Est. No. 33967-NJ-1

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

WPS Uses: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard, 40 CFR Part 170, must wear: long-sleeved shirt, long pants, and shoes with socks.

NON-WPS Uses: Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard, 40 CFR Part 170, should wear: long-sleeved shirt, long pants, and shoes with socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters. Do not apply, allow to drift, or drain or flush equipment onto non-target areas.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling, and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exemption: If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil,

or water, is: coveralls, chemical resistant gloves made out of any waterproof material, and shoes with socks.

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box only apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Turf and Landscape Uses: Keep children and pets out of treated areas until sprays have dried.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.
Pesticide Storage: Store in the original container in a dry, temperature controlled area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, contain/re-capture spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.
Pesticide Disposal: Wastes resulting from the use of this product are toxic and may be disposed of on site or at an approved waste disposal facility.
Container Disposal: When all water soluble bags are used, dispose of empty foil package in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
[**Home Use Disposal**: **If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call you local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.]

COMMERCIAL TURF AND ORNAMENTAL

GENERAL INFORMATION

3336 WP is a broad spectrum fungicide exhibiting preventative, curative and systemic properties. It is useful on a wide variety of turf and ornamental disease problems. Apply 3336 WP with ground or overhead equipment, using sufficient volume of spray to provide thorough coverage. Do not apply with fixed wing or rotary aircraft. Use the higher rates under conditions of severe disease pressure. Also, see local State Extension Service recommendations for application schedules. This product is not for homeowner use and can only be used by individuals/firms licensed or registered by the state to apply ornamental or turf pest control products. Chemigation instructions follow "Directions For Use". Read and follow these instructions carefully for this method of application.
Resistance Management: To avoid the development of tolerant strains of fungi, 3336 WP should be used with fungicides of different modes of action. Cleary Chemical does not

recommend the use of products containing thiabendazole in combination or rotation with 3336 WP. These utilize similar chemistry and mode of action and can contribute to development of disease tolerance. If, after using 3336 WP as recommended, the treatment is not effective, a tolerant strain of fungi may be present. Consult your local Cleary Chemical representative, your State Agricultural Experiment Station, or your State Cooperative Extension Service for proper disease identification and advice on the prompt use of some other suitable fungicide or disease control strategy. As long as recommended precautions are followed, 3336 WP can remain useful for disease control.

Mixing Instructions: 3336 WP consists of a protective outer resealable package containing water soluble bags. Do not allow the bags to become wet prior to adding to the tank. Do not handle water soluble bags with wet hands or wet gloves. Depending on the degree of agitation and water temperature, the water soluble bag should be completely dissolved within five minutes. Avoid adding bags near recirculation outlets as they might block outlets before completely dissolving. High pH environments cause a shortened tank life for suspended product. The buffering of tank water to pH 6-7 prior to the addition of 3336 WP is recommended. Add required amount of 3336 WP to a partially filled tank (1/2 total volume) and agitate by mechanical or hydraulic means while adding the remaining required amount of water. Once the water soluble bags have completely dissolved, add tank mix product if used (see below). Continuous agitation is recommended to keep the material in proper suspension. For best results, use spray mixture the same day it is prepared.

Tank Mixing Instructions: 3336 WP is compatible with most commonly used pesticides. If tank mixing with other materials, add products in the following order: water soluble bags, wettable powders, dry flowables, liquid flowables, emulsifiable concentrates, and soluble materials such as fertilizers. No claim of compatibility with other products is implied. ***Do not tank mix with copper-containing materials or with highly alkaline pesticides, such as Bordeaux mixture or lime sulfur.*** Consult the intended tank mix partner product label for appropriate application rates and use instructions. Follow the label directions for the most restrictive of label precautions and limitations. This product cannot be mixed with any product containing a label prohibition against such mixing. Read and observe the most restrictive precautionary statements and other information appearing on product labels used in mixtures. 3336 WP may be applied in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, may cause a degradation of the pesticide, resulting in reduced performance and should be avoided. Tank mix products containing boron or releasable free chlorine will affect the solubility of water soluble (PVA) film. Thoroughly rinse the spray tank of any boron containing spray solution prior to adding any water soluble bags. Even minimal carryover concentrations of boron in the spray tank may cause the water soluble bag material dissolved in water to precipitate and form insoluble residue inside the spray tank.

CHEMIGATION

Generic Requirements

1. Apply this product only through the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, solid set, or hand move; flood (basin); or drip trickle irrigation systems. Do not apply this product through any other type of irrigation system.
2. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
3. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
4. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
5. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Specific Requirements

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back towards the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being drawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

Non-Specific Requirements

1. Remove scale, pesticide residue, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.
2. Prepare a suspension of product in the mix tank or stock bucket. Fill the tank with 1/2 or 3/4 of the desired amount of water. Start agitation and add the required amount of product to the solution along with the remaining volume of water.
3. Maintain a gentle agitation in the mix tank during application to assure a uniform suspension. Follow mixing instructions and tank mixing instructions previously indicated.
4. Start system and then uniformly inject the suspension of 3336 WP into the irrigation line so as to deliver the desired rate per acre. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation system.
5. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute suspension per unit time.
6. The suspension of 3336 WP should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.

Sprinkler (Overhead) Chemigation

Observe all instructions in the Generic, Specific and Non-Specific requirements sections above and the following additional requirements:

1. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Set sprinkler system to deliver 1/10 to 1/4 inches of water per acre. Volumes of water higher than this may reduce efficacy. Application of more than recommended quantities of irrigation water per acre may result in decreased product performance. Where sprinkler distribution patterns do not overlap sufficiently, unacceptable disease control may result.

When system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product cannot be flushed and must be dismantled and drained in a center pivot system, block the nozzle set nearest the well pivot injection unit to prevent spray being applied to this area. Allow sufficient time for pesticides to be flushed through all lines and all nozzles before turning off irrigation water.

Flood (Basin) Chemigation

1. Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and down stream of a hydraulic discontinuity such as a drop structure of weir box to decrease potential for water source contamination from backflow if water flow stops.
2. Systems utilizing a pressurized water and pesticide injection system must meet the following requirements: Observe all instructions in the Generic, Specific and Non-Specific requirements sections above and items 1 and 2 of the sprinkler irrigation requirements.

Drip (Trickle) Chemigation
Observe all instructions in the Generic, Specific and Non-Specific requirements sections above.

COMMERCIAL TURF APPLICATIONS
3336 WP may be used on all fine turf applications such as Commercial, Residential and Public (such as home lawns, parks, athletic fields, schools, and day care centers), and Golf Courses (greens, tees, fairways and aprons) of cool and warm season grasses such as Bentgrass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St. Augustinegrass, Zoysiagrass, or their mixtures. 3336 WP is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. 3336 WP is to be used for the prevention and control of the diseases mentioned below. It has both preventative and curative activity. Do not graze animals on treated turf. Do not feed clippings to livestock or poultry. Not for use on turf being grown for sale or other commercial use as sod.
Application Instructions: Apply material with properly calibrated hand held, mechanical or motorized spray equipment or by chemigation through appropriate sprinkler irrigation systems. Spray uniformly over the area to be treated. Apply recommended amounts in sufficient water to obtain thorough coverage of treatment area (2-4 gal per 1,000 sq ft is suggested). When treating golf greens, always treat aprons. Use the highest recommended rate under conditions of severe disease pressure. For best results, apply after mowing or avoid mowing twelve hours after application. For root pathogens, lightly water the treatment area to move the fungicide into active root zone with one to two tenths inch of water. Excessive irrigation may move application below active root zone and reduce application effectiveness. Green design and drainage will influence irrigation practices. When tank mixing with contact action fungicides for foliar diseases, applications should be allowed to dry on leaf surfaces. Normal watering may proceed after sprays have dried.

Table 1: Maximum Individual Application Rates and Minimum Re-Treatment Intervals
Do not exceed the amounts per acre or reduce the re-treatment interval indicated below.

Use Site	Maximum application rate of 3336 WP	Minimum Re-Treatment Interval	Comments
Residential or Public Areas	5.44 lbs/Acre (2 oz / 1,000 sq.ft.)	14 days	
Golf Course Tees, Greens, Aprons	16.32 lbs/Acre (6 oz / 1,000 sq.ft.)	14 days	
Golf Course Fairways –except Florida	10.88 lbs/Acre (4 oz / 1,000 sq.ft.)	14 days	Excludes Florida
Golf Course Fairways – Florida Only	5.44 lbs/Acre (2 oz / 1,000 sq.ft.)	14 days	Florida Only Only One Application Per Year

Table 2: Maximum Seasonal Application Rates

Do not exceed the following amounts of product per Acre per season

Use Site	Maximum Pounds 3336 WP per Acre per Season	Ounces 3336 WP per 1,000 sq.ft.	Comments
Residential or Public Areas	21.76 lbs.	8 oz.	4 Applications per year
Golf Course Tees, Greens, Aprons	43.52 lbs.	16 oz.	
Golf Course Fairways –except Florida	10.88 lbs.	4 oz.	Excludes Florida
Golf Course Fairways – Florida Only	5.44 lbs.	2 oz.	Florida Only

Table 3: Turf Disease Control

Disease(s) Controlled	Rate of 3336 WP oz/1,000 sq ft	Remarks*
Anthracnose, basal *Colletotrichum graminicola* **Anthracnose, foliar** *Colletotrichum graminicola*	4-6 2-4	For prevention in historic areas of disease pressure, apply twice at 14 day intervals when soil temperature reaches 60°F. For curative control, apply when disease first appears and continue at 14 day intervals as needed. Rotations and/or tank mix combinations with chlorothalonil or triadimefon can be utilized.
Bermudagrass Decline *Gaeumannomyces graminis* var. *graminis* **Take-All-Patch** *Gaeumannomyces graminis* var. *avenae*	4-6	Apply in mid-July or when disease symptoms first appear and repeat at 14 day intervals for suppression. Use higher rates under most severe disease expression. Follow proper agronomic recommendations to maintain plant vigor.
Cool Season Brown Patch *Rhizoctonia cerealis* **Necrotic Ring Spot** *Leptosphaeria korrea* **Spring Dead Spot** *Leptosphaeria korrea*	4-6	For prevention, apply in Fall before turf has stopped all growth activity. Apply second application in early Spring when soil temperatures reach 55-60°F or when disease first appears. For curative action, apply when disease first appears in early Spring and continue at 14 day intervals.
Coprinus Snow Mold *Coprinus psychromorbidus*	4-6	Apply 2 treatments at 21 day intervals in late Fall to early Winter, with the last application made just prior to first permanent snow cover. Rotations and/or tank mix combinations with PCNB can be utilized.
Dollar spot *Moellerodiscus, Lanzia, Sclerotinia* **Large Brown Patch** *Rhizoctonia solani* **Ascochyta Leaf Blight** *Ascochyta*	2-4	Apply when disease first appears and continue at 14 day intervals. Rotations and/or tank mix combinations with chlorothalonil, iprodione, or mancozeb (Protect™) can be utilized.

Copper Spot *Gloeocercospora sorghi* **Fusarium Patch** *Fusarium nivale* **Red Thread** *Laetisaria fuciformis* **Zoysia Patch** *Rhizoctonia solani*		
Fusarium Blight *Fusarium roseum, F. triticum*	4-6	Apply when disease first appears at 14 day intervals.
Gray Leaf Spot (Blast) *Pyricularia grisea*	4-6	Apply preventative application before expected period of disease development. Continue applications at 14 day intervals.
Leaf Spot *Drechslera* **Leaf, crown, and root diseases** *Bipolaris, Curvularia, Exserohilum*	4-6	Apply when disease first appears and make applications at 14 day intervals as needed. Rotations and/or tank mix combinations with chlorothalonil, iprodione, or mancozeb (Protect) are recommended under severe conditions.
Pink Snow Mold *Michrodochium nivale*	2-4	Apply in late Fall to early Winter before turf has stopped all growth activity. A second application may be used in combination with chlorothalonil, PCNB, or thiram (Spotrete™) at recommended rates before snow cover or during Spring thaw.
Rusts *Puccinia, Uromyces*	4-6	Make 2 applications at 14 day intervals when disease first appears. Rotations and/or tank mix combinations with chlorothalonil or mancozeb (Protect) are recommended.
Stripe Smut *Ustilago striiformis*	4-6	Apply at 14 day intervals when disease first appears. For prevention, apply in spring and fall.
Summer Patch *Magnaporthe poae*	4-6	For prevention, apply 3 applications starting late April or early May using 21 day intervals. Rotations and/or tank mix combinations may be used as part of the three application program. For suppression, apply at 14 day intervals when disease first appears.
Bentgrass Dead Spot *Ophiosphaerella agrostis*	4-6	For prevention, apply in early June or based upon local Extension Service recommendations. Apply at 14 day intervals. Rotations and/or tank mix combinations may be used for season long disease prevention.

* Observe the maximum individual application rates and maximum seasonal application limits in Table 2.

COMMERCIAL HORTICULTURAL APPLICATIONS
Nursery, Greenhouse, Shade or Lath House, Landscape & Interiorscape
Annual and Perennial Flowers, Bedding Plants, Foliage Plants, Ground Covers, plus Deciduous and Evergreen Trees and Shrubs

Do not apply to home orchards/fruit trees after fruit set.

3336 WP is a broad spectrum systemic fungicide which controls a variety of foliar, stem, and root diseases on a wide range of commercially important plants. 3336 WP is also effective as a pre-plant dip on cuttings and bulbs. For soil drench applications, best crop protection is achieved with preventative treatments repeated every 21-28 days. For foliar applications, begin treatments when disease first appears, or during suspected periods of disease incidence. Apply additional applications every 7-14 days or as otherwise instructed for the prevention or control of the listed diseases. Use of a wetting agent is recommended for plants that have leaves that are difficult to wet properly. Use of a spreader-sticker is recommended to enhance product performance in wet weather conditions or during periods of overhead irrigation. 3336 WP may be applied as a ground application using hand held, mechanical or motorized spray equipment, or as a chemigation spray or through an applicable sprinkler irrigation system; or as an overhead application where applicable. See specific instructions below. For foliar applications, do not exceed thirty six (36) pounds active ingredient per acre per crop season from all thiophanate-methyl containing products. For soil drench applications, do not exceed 300 pounds active ingredient per acre per crop season from all thiophanate-methyl containing products.
Note: The "Directions For Use" of this product reflect the cumulative inputs from both historical field use and product testing programs. However, it is impossible to test this product on all species and cultivars. A preliminary trial is suggested on a small scale before a full treatment is applied to any plant type not shown on this label but found in a similar use site with a listed disease problem. Wait 5-7 days after treatment to evaluate results. This product is not recommended for use on Swedish Ivy (*Nephrolepis exhalta*), Boston Fern (*Plectranthus australis*), and Easter Cactus (*Hatiora gaertneri*).

Application Instructions: Apply material with properly calibrated, hand held, mechanical or motorized spray equipment or by chemigation thorough appropriate sprinkler irrigation, flood, or drip systems. Begin applications when disease first appears and repeat at 7-14 day intervals or as needed during the growing season. Use the shortest interval when conditions are unusually favorable for the development of disease. For hand held, mechanical, or motorized applications, mix 8-24 oz of 3336 WP per 100 gal water and apply as a full coverage spray to drip for the prevention and control of the diseases listed below. Spray volume may range up to 400 gallons of finished spray per acre depending upon plant species and plant growth stage. For applications through irrigation systems, refer to use rates indicated in the foliar application chart.

Special Instructions For Proportional Injectors (e.g. Dosatron, Dosmatic, Anderson, and similar equipment)
Determine the treatment rate for crop and pathogen from the foliar application table below. Determine the injection ratio for the individual system to be used for application. For systems using a 1:100 ratio, measure and add the exact amount of recommended material per 100 gallons to each gallon of water in a stock bucket or tank. For systems using a 1:200 ratio, multiply the recommended amount per 100 gallons by 2. For systems using a 1:50 ratio, divide the recommended amount per 100 gallons added by 2. For systems using a 1:16 ratio, divide the recommended amount per 100 gallons by 6. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute suspension per unit time. An injection ratio of 1:100 is recommended for most greenhouse and nursery systems.

Do not apply with fixed wing or rotary aircraft.

FOLIAR APPLICATION:

Diseases Controlled	Rate of 3336 WP	Remarks
Anthracnose	12-16 oz/100 gallon	Apply as buds break or at first sign of disease. Repeat at 7-14 day intervals as needed during disease period.
Black Spot of Rose *Diplocarpon rosae*	12-16 oz/100 gallon	Apply early summer or at first sign of disease. Repeat every 7-14 days as needed during disease period.
Brown Rot and Blight *Monilinia, Sclerotinia, Whetzellinia*	12-16 oz/100 gallon	Apply late Spring or at first sign of disease. Repeat every 7-14 days as needed during disease period.
Fusicladium and **Venturia Leaf Scabs** on: Crabapple, Hawthorn, Pear, Mountain Ash, Pyracantha, etc.	12-16 oz/100 gallon	Apply as buds break. Repeat every 7-14 days as needed during disease period. Effective control requires coverage during leaf expansion. Rotations and/or tank mix combinations with mancozeb (Protect), chlorothalonil or propiconazole can be utilized. Do not use fruit from treated crabapple or pear trees for food purposes.
Leaf Spots and **Blights** caused by: *Ascochyta, Blumeriella, Botrytis, Cercospora, Coccomyces, Corynespora, Curvularia, Didymellina, Entomosporium, Fabraea, Fusarium, Ramularia, Rhizoctonia, Marssonina, Mycosphaerella, Myrothecium, Phoma, Physalospora, Schizothyrium, Septoria, Sphaceloma*	12-16 oz/100 gallon	Apply when disease symptoms first appear. Repeat every 7-14 days as needed during disease period. Rotations and/or tank mix combinations with mancozeb (Protect) or chlorothalonil can be utilized.

Ovulinia Blight	8-16 oz/100 gallon	Apply as flowers open. Repeat every 7-14 days as needed during disease period.
Powdery Mildews *Erysiphe, Microsphaera, Phyllactinia, Podosphaera, Oidium, Sphaerotheca*	12-24 oz/100 gallon	Apply when disease first appears and repeat every 7-14 days during disease period. Rotations and/or tank mix combinations with mancozeb (Protect) or triadimefon can be utilized.
Rust Diseases caused by: *Puccinia, Gymnosporangium, Uromyces*	12-16 oz/100 gallon	Apply late Spring or when symptoms first appear. Repeat every 7-14 days as needed during disease period. Rotations and/or tank mix combinations with mancozeb (Protect) or chlorothalonil are recommended.
Tip Blight of Pine *Sphaeropsis sapinea, Diplodia pinea*	16-24 oz/100 gallon	Begin application in spring when new growth starts. Make a second application just before needles emerge from the sheath and a third application 14 days later. Thorough coverage is essential for optimal disease control.
Twig Blights, Cankers, and **Diebacks** *Diaporthe, Kabatina, Phoma, Phomopsis*	16-24 oz/100 gallon	Apply when symptoms first appear. Repeat every 7-14 days as needed during disease period.

SOIL DRENCH APPLICATION

Diseases Controlled	Rate of 3336 WP	Remarks
Stem, Crown, and **Root Rots** caused by: *Botrytis, Cylindrocladium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia* **Black Root Rot** *Thielaviopsis*	8-16 oz/100 gal	Apply as a drench or directed spray using hand held, mechanical, or motorized spray equipment, or as a chemigation drench or directed spray using applicable sprinkler irrigation systems, after seeding or sticking of cuttings (8 oz) or after transplanting (12-16 oz) to propagation beds, containers, pots, trays, or nursery or landscape beds at a rate to thoroughly soak the growing media through the root zone. A general guide is 0.25 -3 pints of finished mixture per sq ft depending on the media type and depth (about 4 oz per 4 inch pot or 8 oz per 6 inch pot). Repeat every 21-28 days for adequate crop protection. Note: 3336 WP does not control *Pythium* or *Phytophthora.* Tank mix combinations with metalaxyl, mefenoxam, etridiazole, fosetyl-A, mono and dipotassium salts of phosphorous acid or propamocarb are required for the control of *Pythium* and *Phytophthora.*

PLANT DIP APPLICATION

Diseases Controlled	Rate of 3336 WP	Remarks
Plant or **Cutting Diseases** caused by: *Botrytis*, *Cylindrocladium*, *Fusarium*, *Gliocladium*, *Myrothecium*, *Penicillium*, *Ramularia*, *Rhizoctonia*, *Sclerotinia*, *Thielaviopsis*	16-24 oz/100 gal	Immerse plants or cuttings for 10-15 min. Remove and allow to drain. **Note:** Follow accepted hygiene practices to minimize the introduction and spread of water borne bacterial and water mold fungal diseases.
Bulb, Corm, and **Rhizome Rots** caused by: *Botrytis*, *Cylindrocladium*, *Fusarium*, *Gliocladium*, *Myrothecium*, *Penicillium*, *Ramularia*, *Rhizoctonia*, *Sclerotinia*, *Thielaviopsis*	16-24 oz/100 gal	Soak cleaned bulbs for 15-30 min in warm solution (80-85° F). For storage disease prevention, treat bulbs preferably within 48 hours after digging. After treatment, dry well before storing. If bulbs are for forcing, treat bulbs that have been heat-cured. **Note:** Follow accepted hygiene practices to minimize the introduction and spread of water borne bacterial and water mold fungal diseases.

HOMEOWNER ORNAMENTAL

HOMEOWNER DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or residential grounds.

HOMEOWNER GENERAL INFORMATION

3336 WP is a broad-spectrum fungicide exhibiting preventative, curative and systemic properties. It is useful on a wide variety of ornamental disease problems. Apply 3336 WP with ground or overhead equipment, using sufficient volume of spray to provide thorough coverage. Use the higher rates under conditions of severe disease pressure. Also, see local State Extension Service recommendations for application schedules.

Resistance Management: To avoid the development of tolerant strains of fungi, 3336 WP should be used with fungicides of different modes of action. Cleary Chemical does not recommend the use of products containing thiabendazole in combination or rotation with 3336 WP. These utilize similar chemistry and mode of action and can contribute to development of disease tolerance. If, after using 3336 WP as recommended, the treatment is not effective, a tolerant strain of fungi may be present. Consult your local Cleary Chemical representative, your State Agricultural Experiment Station, or your State Cooperative Extension Service for proper disease identification and advice on the prompt

use of some other suitable fungicide or disease control strategy. As long as recommended precautions are followed, 3336 WP can remain useful for disease control.

Mixing Instructions: 3336 WP consists of a loose powder inside a protective outer resealable package. Add required amount of 3336 WP to a partially filled tank (1/2 total volume) and agitate by mechanical means while adding the remaining required amount of water. Once the product has completely dissolved, add tank mix product if used (see below). ***Do not tank mix 3336WP with copper-containing materials or with highly alkaline pesticides, such as Bordeaux mixture or lime sulfur. High pH environments cause a shortened tank life for product.*** Buffer the tank water to pH 6-7 prior to the addition of 3336 WP. Cleary's NutriGrow Magnum may be used for pH buffering by adding one teaspoon per gallon. Continuous agitation is recommended to keep the material in proper suspension. For best results, use spray mixture the same day it is prepared.

Tank Mixing Instructions: 3336 WP is compatible with most commonly used pesticides. If tank mixing with other materials, add products in the following order: water soluble bags, wettable powders, dry flowables, liquid flowables, emulsifiable concentrates, and soluble materials such as fertilizers. No claim of compatibility with other products is implied. ***Do not tank mix with copper-containing materials or with highly alkaline pesticides, such as Bordeaux mixture or lime sulfur (see Mixing Instructions).*** Consult the intended tank mix partner product label for appropriate application rates and use instructions. Follow the label directions for the most restrictive of label precautions and limitations. This product cannot be mixed with any product containing a label prohibition against such mixing. Read and observe the most restrictive precautionary statements and other information appearing on product labels used in mixtures. 3336 WP may be applied in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, may cause a degradation of the pesticide, resulting in reduced performance and should be avoided. Tank mix products containing boron or releasable free chlorine will affect the solubility of water soluble (PVA) film. Thoroughly rinse the spray tank of any boron containing spray solution prior to adding any water soluble bags. Even minimal carryover concentrations of boron in the spray tank may cause the water soluble bag material dissolved in water to precipitate and form insoluble residue inside the spray tank.

HOMEOWNER HORTICULTURAL APPLICATIONS
Annual and Perennial Flowers, Bedding Plants, Foliage Plants, Ground Covers, plus Deciduous and Evergreen Trees and Shrubs

Do not apply to home orchards/fruit trees.
Do not use treated fruits or nuts as food or feed.

3336 WP is a broad spectrum systemic fungicide which controls a variety of foliar, stem, and root diseases on a wide range of commercially important plants. 3336 WP is also

effective as a pre-plant dip on cuttings and bulbs. For soil drench applications, best crop protection is achieved with preventative treatments repeated every 21-28 days. For foliar applications, begin treatments when disease first appears, or during suspected periods of disease incidence. Apply additional applications every 7-14 days or as otherwise instructed for the prevention or control of the listed diseases. Use of a wetting agent is recommended for plants that have leaves that are difficult to wet properly. Use of a spreader-sticker is recommended to enhance product performance in wet weather conditions or during periods of overhead irrigation. 3336 WP may be applied as a ground application using hand held, mechanical or motorized spray equipment where applicable. See specific instructions below. For foliar and drench applications, do not exceed 1.8 pounds active ingredient per acre (3.6 lbs of 3336 WP product) in a single application.
Note: The "Directions For Use" of this product reflects the cumulative inputs from both historical field use and product testing programs. However, it is impossible to test this product on all species and cultivars. A preliminary trial is suggested on a small scale before a full treatment is applied to any plant type not shown on this label but found in a similar use site with a listed disease problem. Wait 5-7 days after treatment to evaluate results. This product is not recommended for use on Swedish Ivy (*Nephrolepis exhalta*), Boston Fern (*Plectranthus australis*), and Easter Cactus (*Hatiora gaertneri*).

Application Instructions
Apply material with properly calibrated hand held, mechanical or motorized spray equipment. Begin applications when disease first appears and repeat at 7-14 day intervals or as needed during the growing season. Use the shortest interval when conditions are unusually favorable for the development of disease. For hand held, mechanical, or motorized applications mix 1-4 teaspoons of 3336 WP per one (1) gal water and apply as a full coverage spray to drip for the prevention and control of the diseases listed below. Continuous agitation is required to keep product in suspension.

FOLIAR APPLICATION

Diseases Controlled	Rate of 3336 WP per gallon	Remarks
Anthracnose	2 ¼ - 3 teaspoons	Apply as buds break or at first sign of disease. Repeat at 7-14 day intervals as needed during disease period.

Black Spot of Rose *Diplocarpon rosae*	2 ¼ - 3 teaspoons	Apply early summer or at first sign of disease. Repeat every 7-14 days as needed during disease period.
Brown Rot and Blight *Monilinia, Sclerotinia, Whetzellinia*	2 ¼ - 3 teaspoons	Apply late Spring or at first sign of disease. Repeat every 7-14 days as needed during disease period.
Fusicladium and **Venturia Leaf Scabs** on: Crabapple, Hawthorn, Pear, Mountain Ash, Pyracantha, etc.	2 ¼ - 3 teaspoons	Apply as buds break. Repeat every 7-14 days as needed during disease period. Effective control requires coverage during leaf expansion. Rotations and/or tank mix combinations with mancozeb (Protect), chlorothalonil or propiconazole can be utilized. Do not use fruit from treated crabapple or pear trees for food purposes.
Leaf Spots and **Blights** caused by: *Ascochyta, Blumeriella, Botrytis, Cercospora, Coccomyces, Corynespora, Curvularia, Didymellina, Entomosporium, Fabraea, Fusarium, Ramularia, Rhizoctonia, Marssonina, Mycosphaerella, Myrothecium, Phoma, Physalospora, Schizothyrium, Septoria, Sphaceloma*	2 ¼ - 3 teaspoons	Apply when disease symptoms first appear. Repeat every 7-14 days as needed during disease period. Rotations and/or tank mix combinations with mancozeb (Protect)or chlorothalonil can be utilized.
Ovulinia Blight	1 ½ - 3 teaspoons	Apply as flowers open. Repeat every 7-14 days as needed during disease period.
Powdery Mildews *Erysiphe, Microsphaera, Phyllactinia, Podosphaera, Oidium, Sphaerotheca*	2 ¼ – 4 ½ teaspoons	Apply when disease first appears and repeat every 7-14 days during disease period. Rotations and/or tank mix combinations with mancozeb (Protect) or triadimefon can be utilized.
Rust Diseases caused by: *Puccinia, Gymnosporangium, Uromyces*	2 ¼ - 3 teaspoons	Apply late Spring or when symptoms first appear. Repeat every 7-14 days as needed during disease period. Rotations and/or tank mix combinations with mancozeb (Protect)or chlorothalonil are recommended.
Tip Blight of Pine *Sphaeropsis sapinea, Diplodia pinea*	3 – 4 ½ teaspoons	Begin application in spring when new growth starts. Make a second application just before needles emerge from the sheath and a third application 14 days later. Thorough coverage is essential for optimal disease control.
Twig Blights, Cankers, and **Diebacks** *Diaporthe, Kabatina, Phoma, Phomopsis*	3 – 4 ½ teaspoons	Apply when symptoms first appear. Repeat every 7-14 days as needed during disease period.

SOIL DRENCH APPLICATION

Diseases Controlled	Rate of 3336 WP per gallon	Remarks
Stem, Crown, and **Root Rots** caused by: *Botrytis, Cylindrocladium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia* **Black Root Rot** *Thielaviopsis*	1 ½ - 3 teaspoons	Apply as a drench or directed spray using hand held, mechanical, or motorized spray equipment, or as a chemigation drench or directed spray using applicable sprinkler irrigation systems, after seeding or sticking of cuttings (8 oz) or after transplanting (12-16 oz) to propagation beds, containers, pots, trays, or nursery or landscape beds at a rate to thoroughly soak the growing media through the root zone. A general guide is 0.25 -3 pints of finished mixture per sq ft depending on the media type and depth (about 4 oz per 4 inch pot or 8 oz per 6 inch pot). Repeat every 21-28 days for adequate crop protection. Note: 3336 WP does not control *Pythium* or *Phytophthora.* Tank mix combinations with metalaxyl, mefenoxam, etridiazole, fosetyl-Al, mono and dipotassium salts of phosphorous acid or propamocarb are required for the control of *Pythium* and *Phytophthora.*

PLANT DIP APPLICATION

Diseases Controlled	Rate of 3336 WP per gallon	Remarks
Plant or **Cutting Diseases** caused by: *Botrytis, Cylindrocladium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia, Thielaviopsis*	3 - 4 ½ teaspoons	Immerse plants or cuttings for 10-15 min. Remove and allow to drain. **Note:** Follow accepted hygiene practices to minimize the introduction and spread of water borne bacterial and water mold fungal diseases.
Bulb, Corm, and **Rhizome Rots** caused by: *Botrytis, Cylindrocladium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia, Thielaviopsis*	3 - 4 ½ teaspoons	Soak cleaned bulbs for 15-30 min in warm solution (80-85° F). For storage disease prevention, treat bulbs preferably within 48 hours after digging. After treatment, dry well before storing. If bulbs are for forcing, treat bulbs that have been heat-cured. **Note:** Follow accepted hygiene practices to minimize the introduction and spread of water borne bacterial and water mold fungal diseases.

LIMITED WARRANTY AND DISCLAIMER

CLEARY CHEMICAL CORPORATION warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. CLEARY CHEMICAL CORPORATION makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall CLEARY CHEMICAL or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product including, but not limited to, loss of profits, business reputation, or customers, labor costs, or other expenses incurred in planting or harvesting. CLEARY CHEMICAL and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of CLEARY CHEMICAL CORPORATION.

Effective: 3.14.05 Replaces 5/99

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2/21

July 14, 2005

Mary Waller, Product Manager/Team 21
Registration Division (7505C)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C.

RE: 3336 WP Systemic Fungicide (1001-63)
Notification (per PR-Notice 98-10): addition of optional referral statement to master label for use on containers requiring a booklet label.

Dear Ms. Waller:

Cleary Chemical Corporation is re-submitting a notification for *3336 WP Turf and Ornamental Systemic Fungicide* (1001-63) in response to an agency letter date June 28, 2005. This notification adds an optional referral statement to the master label for use when a booklet label is utilized. This referral statement is required as per EPA Label Review Manual, Chapter 3, Section II(B) (August 2003).

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please review this material at your earliest convenience. If you have any questions regarding this application, please do not hesitate to contact me directly at (800) 524-1662. Thank you for your prompt attention to this matter.

Sincerely,

Karen A. Plumley, Ph.D.
Director-Regulatory Affairs

Enc.