

55146-81

03/29/2004

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Theodore D. Head  
Product Registration Manager  
Nufarm Agriculture USA  
1333 Burr Ridge Parkway, Suite 125A  
Burr Ridge, IL 60527-0866

MAR 29 2004

Subject: Flourolil® Fungicide  
EPA Reg. No. 55146-81  
Amendment dated July 23, 2003

Dear Mr. Head:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

**FIRST AID:** The various exposure routes must be listed in order of decreasing acute toxicity category. List the exposure routes in the following order: If in eyes; If Inhaled; If swallowed; If on Skin or Clothing.

**STORAGE AND DISPOSAL:** Move the statement "Do not contaminate water, food or feed by storage or disposal" from the Pesticide Disposal section to immediately under the "STORAGE AND DISPOSAL" header.

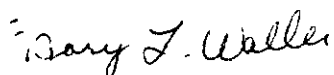
One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supercedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

The revision of the label that is accepted is formatted as a single column of text on each page. This is more legible than the two column format that was first submitted, but the small type size may create problems when the image of this accepted label is put up on the Agency's web site. For this reason, future amended draft labels that are submitted with type sizes smaller than 12 pt. type may not be accepted for review.

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Flouronil® Fungicide  
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If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at [westin.robert@epa.gov](mailto:westin.robert@epa.gov).

Sincerely,



Mary Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505C)

Enclosure



# Flourolin<sup>®</sup>

## Fungicide

### FOR THE CONTROL OF CERTAIN DISEASES IN CUCURBIT VEGETABLES, POTATOES, AND TOMATOES.

FLOURONIL is packaged in an inner water-soluble bag protected by an outer container. Entire inner bag and contents dissolve in water. After opening outer container, immediately dump entire unopened inner bag into the partially filled sprayer or mix tank. Do not handle the soluble bag or expose it to moisture, since this may cause rupturing.

#### ACTIVE INGREDIENT:

Mefenoxam: (R)-2-[(2,6-dimethylphenyl) methoxyacetyl amino]-propionic acid methyl ester: .....	4.4%
Related Compounds: .....	0.1%
Chlorothalonil: Tetrachloroisophthalonitrile .....	72.0%
Other Ingredients: .....	23.5%
Total: .....	100.0%

FLOURONIL is a wettable powder packaged in a water-soluble bag. See inside for directions for use.

EPA Reg. No. 55146-81

EPA Est. No. 33967-NJ-1

## KEEP OUT OF REACH OF CHILDREN DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

See Inside for Additional Precautionary Statements.

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300.  
For Medical Emergencies Only, Call 877-325-1840.

Manufactured By:  
Nufarm Americas, Inc. - AGT Division  
Houston, TX  
055146-81.20030819.ff

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
MAR 29 2004

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

55146-81

<b>FIRST AID</b>	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
<b>NOTE TO PHYSICIANS</b>	
If swallowed probable mucosal damage may contraindicate gastric lavage. If in eyes, specialized ophthalmologic attention may be required.	

### **DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY**

**IMPORTANT:** Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product. If terms are not acceptable, return the unopened product container at once.

#### **Conditions of Sale and Warranty**

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Nufarm Americas, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Nufarm Americas, Inc. warrants that this product 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 inherent risks referred to above. Nufarm Americas, Inc. makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Nufarm Americas, Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Nufarm Americas, Inc. and the 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 Nufarm Americas, Inc.

#### **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 48 hours.

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 of any waterproof material
- Shoes plus socks
- Protective eyewear

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**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.**

**General Information**

Flouronil® contains 4.5% Mefenoxam active ingredient and 72% of the active ingredient chlorothalonil. Mefenoxam is a systemic fungicide that provides control of downy mildew and late blight diseases of selected crops. Chlorothalonil is a broad-spectrum protectant fungicide that controls many diseases of vegetables.

**Note:** FLOURONIL is a systemic fungicide having a specific mode of action and could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Nufarm Americas, Inc. cannot assume liability for crop damage resulting from insensitive strains of fungi. If treatment is not effective following the use of FLOURONIL as recommended, an insensitive strain of fungi may be present. If the treatment is ineffective due to the presence of a Mefenoxam insensitive strain of fungi, neither FLOURONIL nor any other fungicide with similar action will effectively control that disease. Consideration should then be given to the prompt use of other types of suitable fungicides. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance in your particular crop and disease control situation. **THIS PRODUCT IS FOR FIELD USE ONLY AND IS NOT INTENDED FOR USE ON TRANSPLANT TRAYS, GREENHOUSES, LATH HOUSES, FLOAT HOUSES, HYDROPONIC PRODUCTION, OR IN BEDDING PLANT STRUCTURES.**

**Mixing Instructions**

FLOURONIL is an effective fungicide when used according to label directions for control of a broad spectrum of plant diseases. Thorough, uniform coverage is essential for disease control. Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. **Vigorous agitation is necessary to dissolve the bag and disperse the product. Maintain maximum agitation throughout the spraying operation.** Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Amount of water needed per acre will vary with crop and amount of plant growth. Apply in a minimum of 20 gals./A for dilute sprays and 5 gals./A for concentrate ground sprays and aerial applications.

Each water-soluble bag contains five pounds of Flouronil.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as crop injury may result.

**Precaution:** Water-soluble bags of FLOURONIL must be completely dissolved and dispersed in plain water before any other tank mix partner, including micronutrients or other liquid or dry fertilizers, are added to the spray solution. Boron, especially in the form of a micronutrient additive, such as Solubor®, etc., or as a natural component of the mix water, may prevent water-soluble bags from dissolving.

**FLOURONIL Alone:** Add 1/4 of the required amount of plain water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of FLOURONIL into the tank all at once. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the pouches have dissolved, and the material has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

**FLOURONIL + Tank Mixtures:** FLOURONIL is usually compatible with most commonly used insecticides, fungicides, and spray adjuvants. When using FLOURONIL in a tank mixture with other pesticides, observe the most restrictive label limitations and precautions of the products being used.

Add 1/4 of the required amount of plain water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of FLOURONIL, and any other products packaged in water-soluble bags, into the tank all at once. After the water-soluble bags have dissolved and the products have completely dispersed uniformly into the mix water, continue to fill the tank with water. Then add the desired amount of other products recommended for tank mixture and allow them to become completely dispersed. Continue agitation while adding the remainder of the water and during application to maintain a uniform suspension.

**Preharvest Intervals**

Unless otherwise stated in the directions for use for a specific crop, there is no preharvest interval.

**Application Through Irrigation Systems**

FLOURONIL alone or in combination with other fungicides which are registered for sprinkler irrigation may be applied through irrigation systems.

Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. 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. 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.

**Posting Requirements**

Posting of areas to be chemigated is required when (1) any part of a treated area is within 300 ft. of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes, or any public areas such as schools, parks, playgrounds, or other public facilities, not including public roads, or (2) when the chemigated area is open to the public such as golf courses or retail greenhouses.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas.

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The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2-1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

This sign is in addition to any sign posted to comply with the Worker Protection Standard.

#### **Operating Instructions**

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 pesticide injection pipeline must contain a functional, automatic, quick closing check-valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also 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 withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. 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.
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.

#### **Application Instructions**

FLOURONIL must be applied on the schedule specified in the specific crop use recommendations, not according to the irrigation schedule. If irrigation schedules are used, ground or aerial applications must supplement chemigation applications to achieve adequate disease control.

With the exception of potatoes, FLOURONIL has not been sufficiently tested when applied through irrigation systems to assure consistent product performance for all labeled uses. The following calibration and application techniques are provided for user reference, but do not constitute a warranty of fitness for application through sprinkler irrigation equipment. Users should check with state and local regulatory agencies for potential use restrictions before applying any agricultural chemical through sprinkler irrigation equipment.

#### **Center Pivot Irrigation Equipment**

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating FLOURONIL through center pivot systems because of non-uniform application. (3) Plug the first nozzle closest to well head to protect water source.

1. Determine the size of the area to be treated.
2. Determine the time required to apply 1/4 - 1/2 inch water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. Run the system at 80 to 95% of the manufacturer's rated capacity.
3. Using water, determine the injection pump output when operated at normal line pressure.
4. Determine the amount of FLOURONIL required to treat the area covered by the irrigation system.
5. Add the required number of FLOURONIL soluble bags and sufficient water to meet the injection time requirements to the solution tank. (See **Mixing Instructions** section of this label.)
6. Make sure the system is fully charged with water before starting injection of the FLOURONIL solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
7. Maintain constant solution tank agitation during the injection period.
8. Stop injection equipment after treatment is completed. Continue to operate system until the FLOURONIL solution has cleared the last sprinkler head.

### Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

1. Determine the acreage covered by the sprinklers.
2. Fill injector solution tank with plain water and calibrate the flow rate of the system to deliver the contents of the tank over a 20 to 30-minute time interval.
3. Determine the amount of FLOURONIL required to treat the area covered by the irrigation system.
4. Add the required number of FLOURONIL soluble bags into the same quantity of water used to calibrate the injection period. (See **Mixing Instructions** section of this label.)
5. Operate system at the same pressure and time interval established during the calibration.
6. Inject FLOURONIL at the end of the irrigation cycle or as a separate application to maximize retention of the fungicide by the foliage.
7. Stop injection equipment after treatment is completed. Continue to operate the system until the FLOURONIL solution has cleared the last sprinkler head.

### Cucurbit Vegetables\*

\*Cucumber, cantaloupe, casaba, crenshaw, honeydew melon, honey balls, muskmelon, Persian melon, watermelon, pumpkin, summer squash, winter squash, and cucurbit hybrids only.

FLOURONIL, when used as a foliar spray in a preventive disease control program, provides effective control of many diseases of cucurbit vegetables. Avoid late season applications when plants reach full maturity or begin senescence.

**Downy Mildew:** Apply 2 lbs./A of FLOURONIL. Begin applications when conditions are favorable for disease, but before infection, and continue at 14-day intervals until the threat of disease is over. The full rate of a protectant fungicide should be applied between FLOURONIL applications.

**Anthracnose, Cercospora Leaf Spot, Gummy Stem Blight (Black Rot), Leaf Blight, and Scab:** Apply 2-3 lbs./A. Begin applications when conditions are favorable for disease, but before infection, and continue at 10 to 14-day intervals. Under severe disease pressure, alternate FLOURONIL sprays with other effective EPA-registered fungicides every 7 days.

**Note:** You may make up to 4 applications of FLOURONIL per crop.

### Potatoes

FLOURONIL, when used as a foliar application in a preventive disease control program, will provide effective control of late blight, caused by *Phytophthora infestans*, Pythium leak caused by *Pythium spp.*, and pink rot caused by *Phytophthora erythroseptica*. Make applications of FLOURONIL in sufficient water to obtain thorough coverage for ground applications and in a **minimum of 5 gallons** of water per acre for aerial applications.

It is recommended that this product be used within an Integrated Pest Management Program. Also, vine-kill should occur 14 days before harvest.

**Late Blight and Early Blight:** Apply 2.0 lbs. of FLOURONIL per acre. Begin preventive applications early in the season when conditions are favorable for disease (before infection), but no later than when the plant foliage meets within the row uniformly across the field. In states other than FL, make up to 3 applications of FLOURONIL at 14-day intervals. In FL only, make up to 4 applications at 14-day intervals. The labeled rate of a protectant fungicide should be applied between FLOURONIL applications. Following the 3 or 4 FLOURONIL applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season.

**Storage Rots: Pythium Leak (caused by *Pythium spp.*) and Pink Rot (caused by *Phytophthora erythroseptica*):** For effective control of these storage rots, FLOURONIL should be used in conjunction with other management practices such as crop rotation. Apply 2.0 lbs. of FLOURONIL per acre. Make the first application at flowering and another one 14 days later. If the field has a history of storage rot problems, make a third application 14 days after the second application.

**Note:** If applications of FLOURONIL are being made for late blight control that correspond to the timing of applications for storage rot control, additional applications for storage rot control are not needed.

**Notes:** (1) To avoid possible illegal residues, do not apply within 14 days of harvest. (2) If conditions for late blight development are still favorable after making 3 applications of FLOURONIL, use other fungicides registered for late blight control in potatoes.

### Tomatoes

FLOURONIL, when used as a foliar spray in a preventive disease control program, provides effective control of several tomato diseases. Make applications of FLOURONIL in sufficient water to obtain thorough coverage for ground applications and in a **minimum of 5 gallons** of water per acre for aerial applications.

**Late Blight and Fruit Rot Caused by *Phytophthora* spp.:** Apply 2.0 lbs. of FLOURONIL per acre. Begin preventive applications early in the season when conditions are favorable for disease (before infection). In states other than FL, make up to 3 applications at 14-day intervals. In FL only, make up to 4 applications at 14-day intervals. The labeled rate of a protectant fungicide should be applied between FLOURONIL applications. Following the 3 or 4 FLOURONIL applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season.

**Early Blight, Gray Leaf Spot, Gray Leaf Mold, and Septoria Leaf Spot:** Apply 2.0 lbs. of FLOURONIL per acre. Begin preventive applications early in the season when conditions are favorable for disease (before infection). In states other than FL, make up to 3 applications at 14-day intervals. In FL only, make up to 4 applications at 14-day intervals. The labeled rate of a protectant fungicide should be applied between FLOURONIL applications. Following the 3 or 4 FLOURONIL applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season.

**Anthraxnose, Alternaria Fruit Rot (Black Mold), Rhizoctonia Fruit Rot, and Botrytis Gray Mold:** Apply 2.0-3.0 lbs. of FLOURONIL per acre. Begin preventive applications early in the season when conditions are favorable for disease (before infection). In states other than FL, make up to 3 applications at 14-day intervals. In FL only, make up to 4 applications at 14-day intervals. The labeled rate of a protectant fungicide should be applied between FLOURONIL applications. Following the 3 or 4 FLOURONIL applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season.

**Note:** To avoid possible illegal residues, do not apply within 14 days of harvest

#### Rotation (Plant Back) Restrictions

Do not plant any crop which is not registered for use with FLOURONIL active ingredients in soil treated with these active ingredients for a period of 12 months, unless a shorter interval is specified on the following list.

Rotation Crop	Planting Time From Last Application of FLOURONIL
Alfalfa (including birdsfoot trefoil), Almonds, Apples*, Asparagus, Avocados	0 days
Blueberries, Broccoli, Brussels Sprouts	0 days
Cabbage, Cauliflower, Chinese Broccoli (gai lan, white flowering broccoli), Chinese Cabbage (tight-heading varieties only)	0 days
Citrus, Cotton, Cranberries, Cucurbit Vegetables	0 days
Deciduous Fruits and Nuts*	0 days
Eggplant	0 days
Garlic, Ginseng, Grapes	0 days
Grass Grown for Seed	0 days
Hops	0 days
Leafy Vegetables (except Brassica vegetables), Legume Vegetables (beans and peas-succulent and dried)	0 days
Onions (Dry Bulb, Green, and Seed)	0 days
Papaya, Peanuts, Peppers, Pineapples	0 days
Potatoes	0 days
Raspberries, Root and Tuber Vegetables	0 days
Soybeans, Spinach, Stone Fruits, Strawberries, Sugar Beets	0 days
Tobacco, Tomatoes	0 days
Walnuts	0 days
Cereal Grains (except corn)	40 days
Corn	9 months
Crops <b>Not</b> For Food or Feed	0 days
All Other Crops <b>For</b> Food or Feed	12 months

\* These crops may be planted immediately following last application of FLOURONIL, provided they will not bear harvestable fruit within 12 months.

#### Storage and Disposal

**Storage** - Store in a cool, dry place. Do not store this product under wet conditions. Handle outer packaging carefully to avoid breakage of inner soluble bag.



### **Pesticide Disposal**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Wastes resulting from the use of this pesticide are acutely hazardous. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures.

For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

### **Container Disposal**

Do not reuse outer container. Dispose of empty outer container in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. Stay out of smoke from burning bags.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call CHEMTREC: 1-800-424-9300, day or night.

### **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER - PELIGRO**

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. May be fatal if inhaled. Do not breathe dust or spray mist. Harmful if swallowed or absorbed through skin. A skin sensitizing (allergic) reaction may occur in certain individuals. Avoid contact with skin.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, R, P or HE filter

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

### **Engineering Control Statements**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### **User Safety Recommendations**

#### **Users should:**

- 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.

### **ENVIRONMENTAL**

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply when weather conditions favor drift from treated area. Do not contaminate water when disposing of equipment wash waters or rinsate.

### **Groundwater Advisory**

This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This product contains a chemical (chlorothalonil), known to the State of California to cause cancer.

Solubor® trademark of United States Borax and Chemical Corporation  
Flouronil® is a registered trademark of Nufarm Americas, Inc. AGT Division