



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**WASHINGTON, DC 20460**

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 15, 2022

Patricia McFadden  
Registration Manager  
Advan LLC  
2525 Meridian Parkway  
Durham, NC 27713

Subject: Label Amendment – Revision to PHI for sugar beets and updates to the mitigation language based on the Triphenyltin Hydroxide Interim Decision  
Product Name: MINERVA DUO  
EPA Registration Number: 83070-11  
Application Date: 2/22/2022 & 10/11/2022  
Decision Number: 582162 & 588242

Dear Patricia McFadden:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims

Page 2 of 2  
EPA Reg. No. 83070-11  
Decision No. 582162 & 588242

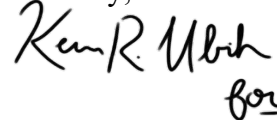
substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Triphenyltin Hydroxide (TPTH) Interim Decision, and has concluded that your submission is acceptable.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact James Orrock by phone at 202-566-2862 or by email at [orrock.james@epa.gov](mailto:orrock.james@epa.gov).

Sincerely,

Handwritten signature of Kristy Crews in black ink, appearing to read "Kristy Crews" with a stylized flourish.

Kristy Crews, Product Manager 22  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure: Stamped Label



**RESTRICTED USE PESTICIDE**

Because of high acute toxicity of triphenyltin hydroxide and its potential for affecting fetal development, this product may be applied only by certified applicators or persons under their supervision.

For retail sale to and use by Certified Applicators or person under their direct supervision and only for those uses covered by the Certified Applicator's certification.

<b>TETRACONAZOLE</b>	<b>GROUP</b>	<b>3</b>	<b>FUNGICIDE</b>
<b>TPTH</b>	<b>GROUP</b>	<b>30</b>	<b>FUNGICIDE</b>

**Minerva Duo™**

**ACTIVE INGREDIENT:**

Tetraconazole {1-[2-(2,4-dichlorophenyl)-3-(1,1,2,2-tetrafluoroethoxy) propyl]-1H-1,2,4-triazole} ..... 7.66%

Triphenyltin hydroxide ..... 21.08%

**OTHER INGREDIENTS:** ..... 71.26%

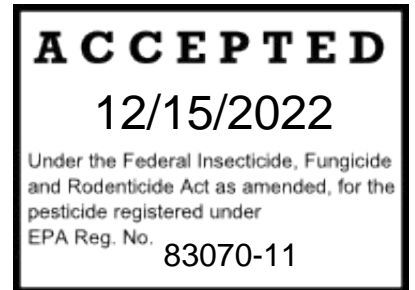
**TOTAL** ..... 100.00%

Contains 0.73 lb. of tetraconazole and 2 lb. of triphenyltin hydroxide per gallon.

**KEEP OUT OF REACH OF CHILDREN  
DANGER-PELIGRO**



**POISON**



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

EPA Reg. No. 83070-11  
NET CONTENTS: \_\_\_\_\_

EPA Est. No. \_\_\_\_\_  
[(Lot no. begins with XX)]

**Advan, LLC**  
2525 Meridian Parkway  
Durham, NC 27713

- Optional Language
- [Application Type AG Agricultural]
- [Peel back book here]
- [See additional precautionary statements and directions for use inside booklet.]
- [Read the label carefully before opening the container]
- [For product information, call 1-877-898-9514]

<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>• Have affected person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> <li>• Call a poison control center or doctor immediately for treatment advice.</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 further 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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Emergency phone numbers	(800) 222-1222 Poison Control Center (800) 424-9300 CHEMTREC (transportation and spills)

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

Causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Wear goggles or face shield when handling. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. The United States Environmental Protection Agency has determined that triphenyltin hydroxide, the active ingredient of this product, affects fetal development causing birth defects in laboratory animals. Exposure to triphenyltin hydroxide during pregnancy should be avoided.

Human flagging is prohibited.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Handlers exposed to the concentrate or diluted product must wear:

- Coveralls over long-sleeved shirt and long pants,
- Chemical-resistant footwear plus socks,
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or viton ≥14 mils,
- Protective eyewear,
- Chemical-resistant apron for mixing and loading or equipment maintenance,
- Chemical-resistant headgear for overhead exposure,
- A minimum of a NIOSH approved particulate filtering facepiece respirator with any N, R, or P filter, OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

Handlers, mixers, loader, applicators, flaggers and others using engineering controls must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or viton ≥14 mils during mixing and loading

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

Follow the 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 CONTROLS 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. **This reduced PPE allowance does not apply to mixing/loading liquids for aerial application to sugar beets.**

Mixers and loaders supporting aerial applications must use a closed mixing and loading system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4)] for providing both dermal and inhalation protection. The system must be capable of removing the pesticide from the shipping container and transferring it into mixing tanks and/or application equipment. At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device with a manufacturer warranty assuring drippage minimization to not more than 2 ml per disconnect point.

Mixers and loaders supporting ground applications must use a mechanical transfer system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4)] for providing dermal and inhalation protection. The system must be capable of removing the pesticide from the shipping container and transferring it into mixing tanks and/or application equipment. At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device with a manufacturer warranty assuring drippage minimization to not more than 2 ml per disconnect point.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Ground equipment applicators and flaggers must use an enclosed cab that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(5)].

All mixers, loaders, applicators, and flaggers must wear the personal protective equipment specified above for the task they are performing and all (except aerial applicators) must be provided and must have immediately available for use in an emergency, such as a spill or equipment failure, the PPE specified above for handlers not using engineering controls.

Applicators and flaggers must be in enclosed cabs.

### **USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands thoroughly 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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **ENVIRONMENTAL HAZARDS**

This product may be toxic to fish, aquatic invertebrates and wildlife. **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff from treated areas may be hazardous to aquatic organisms adjacent to treatment areas. Exercise care when making applications of this product, and do not apply when atmospheric conditions favor drift or runoff. **DO NOT** apply with aircraft within 300 feet or with ground boom equipment within 100 feet of any natural body of water such as rivers, streams, ponds, lakes and reservoirs. **DO NOT** apply with aircraft when wind speed is greater than 10 mph. Apply this pesticide only as specified on this label. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

In order to mitigate concern for reproductive effects to endangered bird and mammal species which may occur incidentally in sugarbeet growing areas, you are required to ascertain through the state Department of Agriculture, or Cooperative Extension Service, whether the treatment area may contain habitat of Federally listed bird and mammal species; if so, treatment must be avoided in these areas.

#### **Surface Water Advisory**

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil and soils with shallow ground water. This product is classified as having a high potential for reaching aquatic sediment via runoff for several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential of loading of TPTH from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

### **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.

#### **RESTRICTIONS:**

**DO NOT** apply product with mechanically pressurized handgun equipment.

**DO NOT** apply product using backpack sprayers.

### **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 instruction 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.**

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, wear:

- Coveralls over long-sleeved shirt and long pants,
- Chemical-resistant gloves made of barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils, or viton  $\geq 14$  mils,
- Protective eyewear,
- Shoes plus socks,
- Chemical-resistant headgear for overhead exposure.

### **GENERAL USE INFORMATION:**

Apply Minerva Duo in a water carrier by spraying onto crop surfaces that are intended to be protected from disease. Both ground and aircraft methods of application are recommended.

This product should be added to the spray tank while filling with water. Keep the agitator running when filling spray tank and during spray operations. When tank mixing this product with other pesticides, observe the more restrictive label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. Combination in the spray tank with other pesticides, fertilizers or surfactants is not recommended unless prior use has shown the combination to be physically compatible, effective and noninjurious under your conditions of use.

### **RESISTANCE MANAGEMENT**

For resistance management, please note that this product contains both a Group 3 (tetraconazole) and Group 30 (TPTH) fungicide. Any fungal population may contain individuals naturally resistant to this product and other Group 3 or Group 30 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

This product contains a sterol demethylation inhibitor (sterol DMI) fungicide (tetraconazole) and an organotin fungicide (triphenyltin hydroxide, TPTH). It should be applied in alternate applications with non-DMI fungicides as a resistance management strategy. Do not mix or alternate this product with other DMI fungicides.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of this or other Group 3 or Group 30 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that are equally effective on the

target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.

- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological, and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Sipcam Agro at 919-226-1195. You can also contact your pesticide distributor or university extension specialist to report resistance.

### MANDATORY SPRAY DRIFT MANAGEMENT

#### Aerial Applications:

- **DO NOT** release spray at a height greater than 10 ft. above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to select nozzles and pressure that deliver medium or coarser spray droplet size (ASABE S641).
- Applicators must use  $\frac{1}{2}$  swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply when wind speeds exceed 10 mph at the application site.
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- **DO NOT** apply within 75 feet of residential or commercial areas. Residential areas include schools, homes, playgrounds, parks, recreational areas, athletic fields, residential lawns, gardens, and other areas where children may be present.
- **DO NOT** apply during temperature inversions.

#### Airblast Applications:

- Sprays must be directed into the canopy.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- User must turn off outward pointing nozzles at row ends and when spraying outer rows.
- **DO NOT** apply during temperature inversions.

#### Groundboom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- Applicators must select nozzle and pressure that deliver medium or coarser droplets in accordance with American Society of Agricultural & Biological



Engineers Standard 572 (ASABE S572).

- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

### **SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.  
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

### **IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

#### **Controlling Droplet Size – Ground Boom**

- Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### **Controlling Droplet Size – Aircraft**

- Adjust Nozzles – Follow nozzle manufacturers' recommendations for setting up nozzles. To reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

#### **BOOM HEIGHT – Ground Boom**

- For ground equipment, the boom should remain level with the crop and have minimal bounce.

#### **RELEASE HEIGHT – Aircraft**

- Higher release heights increase the potential for spray drift.

### **SHIELDED SPRAYERS**

- Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### **TEMPERATURE AND HUMIDITY**

- When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### **TEMPERATURE INVERSIONS**

- Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by

ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

**WIND**

- Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.
- Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

**SENSITIVE AREAS:** This pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

**CHEMIGATION:** Do not apply this product via Chemigation.

**AGRICULTURAL CROPS**

**SUGARBEETS**

<b>Diseases Controlled</b>	<b>Minerva Duo Rate per Acre</b>	<b>Pre-harvest Interval</b>	<b>Application Directions</b>
Cercospora leafspot <i>(Cercospora beticola)</i>  Powdery Mildew <i>(Erysiphe betae)</i>  Ramularia <i>(Ramularia beticola)</i>	16 fluid ounces  (0.09 lbs.AI Tetraconazole)  (0.25 lbs.AI TPTH)	21 days	Apply Minerva Duo when conditions are favorable for disease. To obtain adequate coverage of sugarbeets, total spray volume usually will range from 20 to 150 gallons per acre for dilute sprays and 5 to 10 gallons per acre for concentrate ground sprays and aircraft applications.

**RESTRICTIONS:**

- The maximum annual application rate for TPTH from all products is 0.75 lbs.AI/A per year for use in Michigan, Minnesota, and North Dakota, and 0.5 lbs.AI/A per year for use in all other states other than Michigan, Minnesota, and North Dakota.
- The maximum annual application rate for Tetraconazole from all products is 0.202 lbs.AI/A per year.
- **DO NOT** make more than two (2) applications of this product per year.
- **DO NOT** graze or feed beet tops to livestock.
- Crops other than sugarbeet must not be grown within 120 days following the last application of Minerva Duo. Small grains can be planted 45 days following last application of this product.

## PECAN

Diseases Controlled	Minerva Duo Rate per Acre	Pre-harvest Interval	Application Directions
Scab ( <i>Cladosporium caryigenum</i> ) Downy spot ( <i>Mycosphaerella caryigena</i> ) Leaf blotch ( <i>Mycosphaerella</i> spp.) Vein spot and/or Liver spot ( <i>Gnomonia</i> spp.) Powdery mildew ( <i>Microsphaera penicillata</i> ) Brown Spot ( <i>Cercospora fusca</i> )	16 fluid ounces (0.09 lbs.AI Tetraconazole) (0.25 lbs.AI TPTH)	30 days	Apply Minerva Duo in adequate water to provide complete coverage. Spray volumes of at least 100 gallons per acre should be used for ground applications and at least 10 gallons per acre for aerial applications. Apply of this product at intervals of 14 to 21 days, beginning when conditions are favorable for scab or other foliage and nut hull diseases. Applications of this product may be alternated with a non-triazole fungicide which is registered for use on pecans.
<p><b>RESTRICTIONS:</b></p> <ul style="list-style-type: none"> <li>• The maximum annual application rate for TPTH from all products is 2.25 lbs.AI/A per year for use east of Interstate 35 and 1.50 lbs.AI/A per year for use west of Interstate 35.</li> <li>• The maximum annual application rate for Tetraconazole from all products is 0.504 lbs.AI/A per year.</li> <li>• <b>DO NOT</b> make more than five (5) applications of Minerva Duo per year (equal to 0.46 lbs. tetraconazole AI/A and 1.25 lbs. TPTH AI/A per year).</li> <li>• Apply a maximum yearly use rate of 80 fl. oz. of this product per acre per year.</li> </ul>			

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a dry, temperature-controlled, secure place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

### CONTAINER HANDLING:

**Containers < 5 Gallons: Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Minibulk Containers: Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Bulk Containers: Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. When the container is empty, replace the cap and seal all openings that have been opened during use; and return to the point of purchase, or to a designated location named at the time of purchase of this product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads, and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking. If the container is damaged or leaking, call Chem-Trec. If the container is damaged and leaking or material has been spilled, follow these procedures:

- Cover spill with absorbent material.
- Sweep into disposal container.
- Wash area with detergent and water and follow with clean water rinse.
- Do not allow to contaminate water supplies.
- Dispose of according to instructions.

If not returned to the point of purchase or to a designated location, clean empty container as instructed above and offer for recycling. Disposal of this container must be in compliance with state and local regulations.

## WARRANTY AND LIMITATION OF DAMAGES

**CONDITIONS OF SALE:** To the extent consistent with applicable law, Advan, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Advan, LLC. **ADVAN, LLC DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.** To the extent consistent with applicable law, **ADVAN, LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND ADVAN, LLC'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. ADVAN, LLC DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**