

64962-1

6/19/2009

1 of 16



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

JUN 19 2009

Mr. Lawrence McLeroy  
Director of Technology, Research and Development  
Earth Science Laboratories, Inc.  
113 SE 22<sup>nd</sup> Street, Suite 1  
Brentonville, AR 72712

RE: Notification of add The National Pollutant Discharge Elimination System Statement to  
Master Label

EPA Registration Number: 64962-1

Date of Submission: March 10, 2009

Date of label Submission: June 1, 2009

Dear Mr. McLeroy:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 93-10 dated March 10, 2009, for the product Earth Tech. The Registration Division (RD) has conducted a preliminary screen of this request for its applicability under PRN 93-10 and finds that the action requested fall within the scope of PRN 93-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



30916



Earth Science Laboratories, Inc. Phone 800.257.9283  
113 S.E. 22nd St., Suite 1 Fax 479.271.7693  
Bentonville, Arkansas 72712 www.earthsciencelabs.com

March 10, 2009

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave.  
NW. Washington D.C. 20460

**RE: Notification Changes to Master Label 64962-1**

This is Notification that the National Pollutant Discharge Elimination System statement, in accordance to the guidelines of PR Notice 93-10, has been added to the Master Label and all sublabels, which states, "Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA."

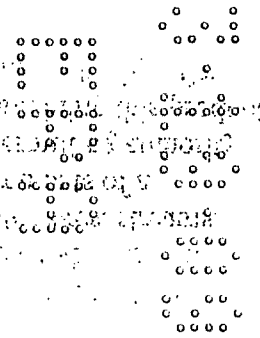
These changes are consistent with PR Notice 93-10.

If you have any questions or concerns, do not hesitate to contact me.

Thank you,

**LAWRENCE MCLEROY**  
**Director of Technology,**  
**Research and Development**

LM/rd



JUN 19 2009

**MASTER LABEL  
FOR EARTHTEC, EPA REG. NO. 64962-1**

**Sub-Label Product Names**

**EARTHTEC**

**Algicide/Bactericide**

**For Lakes, Ponds, Reservoirs, Canals, Lagoons, And Other Similar Systems, and  
Footbaths for Cattle**

**AQUATROLS/RADIANCE™**

**Algicide**

**For Lakes and Ponds**

**AGRITEC**

**Algicide/Bactericide for Lakes, Ponds, Reservoirs, Canals, Lagoons, Aquaculture  
Systems and Irrigation Systems**

**PRISTINEBLUE**

**Algicide and Bactericide for Swimming Pools, Spas and Hot Tubs**

**ALGAE SHIELD™**

**All Uses and All Sub-Labels:**

**ACTIVE INGREDIENTS:**

From Copper Sulfate Pentahydrate *	.....	19.8%*
Inert Ingredients	.....	80.2%
TOTAL	.....	100.0%

\*Metallic Copper Equivalent Equal ----- 5%

THIS PRODCUT WEIGHS 9.9 LBS PER GALLON.

**All Uses and All Sub-Labels:****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 this label, find someone to explain it to you in detail.)

**FIRST AID**

**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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of soap and water for 15 –20 minutes. Call a poison control center or doctor for treatment.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

**All Uses and All Sub-Labels:**

**MFG. BY:** Earth Science Laboratories, Inc.  
113 SE 22<sup>nd</sup> Street, Suite 1  
Bentonville, AR 72742  
Phone: 800-257-9283

**EPA REGISTRATION NO.:** 64962-1  
**EPA ESTABLISHMENT NO.:** 64962-NE-001

**EARTHTEC Sub-Label:**

**NET CONTENTS:** FIVE (5) U.S. GALLONS  
9.9 lb. per gallon  
1.188 kg/L

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**RADIANCE™ Sub-Label:**



NET CONTENTS: 9.9 lb. per gallon  
1.188 kg/L  
FIVE (5) U.S. GALLONS  
THIRTY (30) U.S. GALLONS

**AGRITEC Sub-Label:**

NET CONTENTS: 9.9 lb. per gallon  
1.188 kg/L

**PRISTINEBLUE and ALGAE SHIELD™ Sub-Labels:**

NET CONTENTS: 64 FL. OZ. (1,896 ML)  
9.9 lb. per gallon  
1.188 kg/L

**All Uses and All Sub-Labels:**

**PRECAUTIONARY STATEMENTS  
Hazards to Humans and Domestic Animals**

**DANGER**

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed, inhaled, or absorbed through skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**EARTHTEC, RADIANCE™ and AGRITEC Sub-Labels:**

**ENVIRONMENTAL HAZARDS**

**Fish and Aquatic Organisms:** This product is toxic to fish. Direct application of copper sulfate to water may cause a significant reduction in populations of aquatic invertebrates, plants and fish. Do not treat more than one-half of a lake or pond at one time to avoid depletion of oxygen from decaying vegetation. Allow 1 to 2 weeks between treatments for oxygen levels to recover.

Trout and other species of fish may be killed at application rates recommended on this label, especially in soft or acidic waters. Do not contaminate water when disposing of equipment wash waters. (See Disposal Instructions). Consult your local State Fish and Game Agency before applying this product to public waters. Permits may be required before treating such waters.

**National Pollutant Discharge Elimination System:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA.

**Endangered Species Restrictions:** It is a violation of federal laws to use any pesticide in a manner that results in the death of an endangered species or adverse modification of their habitat. The use of this product may pose a hazard to certain federally designated endangered species known to occur in specific areas within the following counties:

State	Species	Bulletin No.	County
California	Solano Grass	EPA/ES-85-13	Solano
Tennessee	Slackwater Darter	EPA/ES-85-04	Lawrence Wayne Hancock
	Freshwater Mussels	EPA/ES-85-07	Claiborne Hawkins Sullivan
Alabama	Slackwater Darter	EPA/ES-85-05	Lauderdale Limestone Madison
Virginia	Freshwater Mussels	EPA/ES-85-06	Grayson Smyth Scott Washington Lee

**All Uses and All Sub-Labels:**

PLEASE NOTE: Before using this product in the above counties you must obtain the EPA bulletin specific to your area. This bulletin identifies areas within these counties where the use of this pesticide is prohibited unless specified otherwise. The EPA bulletin is available from either your County Agricultural Extension Agent, the Endangered Species Specialist in your State Wildlife Agency Headquarters or the appropriate Regional Office of the U.S. Fish and Wildlife Service.

For Chemical Emergency  
Call INFOTRAC 1-800-535-5053

Non – Flammable. Do Not Freeze.

**All Uses and All Sub-Labels:**

THIS BULLETIN MUST BE REVIEWED PRIOR TO PESTICIDE USE.

**EARTHTEC, RADIANCE™ and AGRITEC Sub-Labels:**

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Chemical-resistant gloves made of any waterproof material; Chemical resistance category A
- Protective eyewear
- Shoes plus socks

Maintain this clothing separately from other laundry and wash with detergent and hot water, or according to manufacturer’s label. If these items become drenched with this product’s concentrate, discard the clothing and do not re-use.

**PRISTINEBLUE and ALGAE SHIELD™ Sub-Labels:**

**Use to Control Algae and Suppress Growth of Bacteria in Swimming Pools:**

Use chemical-resistant gloves made of any waterproof material: Chemical Resistance Category A.

**EARTHTEC, RADIANCE™, PRISTINEBLUE and ALGAE SHIELD™ Sub-Labels:**

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

**AGRITEC Sub-Label:**

**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 requirement specific to your state and tribe, consult the agency responsible for pesticide regulation.



**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and 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 the label about personal protective equipment (PPE), restricted re-entry interval, and notification to workers. There is no restricted entry interval for this product. If contact with areas (i.e. the water, soil, sludge or plants) that were treated is expected within the first 24 hours after treatment, agricultural workers are required to use the same protection as applicators- coveralls, protective eyewear, chemical resistant gloves (i.e. gloves made of any waterproof material), and shoes plus socks.

**EARTHTEC Sub-Label:**

**GENERAL INFORMATION**

**EARTHTEC** is an innovative, unique formulation used for the suppression of bacteria and toxic gases in sewage lagoons, feedlot run-off pits, animal confinement facilities and other ponds containing organic matter or algae/bacteria. **EARTHTEC** may be used to control algae and pond weed and suppress bacterial growth in irrigation, reservoirs, ponds, aquaculture ponds, livestock watering systems, lagoons and potable water supplies. **EARTHTEC** may also be used to control bacteria growth on cattle hooves.

**RADIANCE™ Sub-Label:**

**GENERAL INFORMATION**

**RADIANCE™** is an innovative, unique formulation used to control algae in irrigation reservoirs, ponds, lakes and irrigation conveyance systems.

**AGRITEC Sub-Label:**

**GENERAL INFORMATION**

**AGRITEC** is an innovative, unique formulation used for the suppression of bacteria and toxic gases in sewage lagoons, feedlot run-off pits, animal confinement facilities and other ponds containing organic matter, algae, and in some uses, bacteria. **AGRITEC** may also be used to control algae and suppress bacterial growth in irrigation reservoirs, ponds, flooded rice and wild rice fields, aquaculture ponds, biological fish ponds or systems, and in chemigation systems.

**PRISTINEBLUE Sub-Label:**

**GENERAL INFORMATION**

PRISTINEBLUE is an innovative, unique formulation used for control of algae and suppression of bacterial growth in private and public pools, spas and hot tubs.

**ALGAE SHIELD™ Sub-Label:**

**GENERAL INFORMATION**

ALGAE SHIELD™ is an innovative, unique formulation used for control of algae in private and public pools, spas and hot tubs.

**EARTHTEC/AGRITEC/RADIANCE™/PRISTINEBLUE Sub-Labels:**

EARTHTEC/AGRITEC/RADIANCE™/PRISTINEBLUE inhibits or suppresses the growth of bacteria. When used as directed on this label, it is a bactericide.

**EARTHTEC/AGRITEC Sub-Labels:**

EARTHTEC/AGRITEC also extends the shelf life of fruits and vegetables when used as directed on this label.

**RADIANCE™, PRISTINEBLUE and ALGAE SHIELD™ Sub-Labels:**

**APPLICATION AND HANDLING EQUIPMENT**

Application, handling or storage equipment MUST consist of fiberglass, PVC, polypropylene, viton, most plastics or stainless steel. Never use mild steel, nylon, brass or copper around full strength RADIANCE™/PRISTINEBLUE/ALGAE SHIELD™.

Always rinse equipment free and clean of RADIANCE™, PRISTINEBLUE or ALGAE SHIELD™ each night with plenty of fresh, clean water.

Always store RADIANCE™/PRISTINEBLUE/ALGAE SHIELD™ above 32 degrees F. Freezing may cause product separation. Seller makes no warranty for product which has been frozen. Use formulas for calculating water volume and flow rates. To find the capacity of water storage containment in gallons and multiply the water volume in cubic feet times 7.5.

NOTE: 1 cfs/hr = 27,000 gallons                      1 acre foot = 326,000 gallons

**EARTHTEC and AGRITEC Sub-Labels:**

**APPLICATION AND HANDLING EQUIPMENT**

11/09/16

Application, handling or storage equipment **MUST** consist of fiberglass, PVC, polypropylene, viton, most plastics or stainless steel. Never use mild steel, nylon, brass or copper around full strength **EARTHTEC/AGRITEC**.

Always rinse equipment free and clean of **EARTHTEC/AGRITEC** each night with plenty of fresh, clean water.

Always store **EARTHTEC/AGRITEC** above 32 degrees F. Freezing may cause product separation. Seller makes no warranty for product which has been frozen. Useful formulas for calculating water volume and flow rates: To find the capacity of water storage containment in gallons and multiply the water volume in cubic feet times 7.5.

NOTE: 1 CFS/hr = 27,000 gallons

1 Acre foot = 326,000 gallons

**All Uses and All Sub-Labels:**

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in a safe place away from pets and keep out of the reach of children. Store away from excessive heat.

**EARTHTEC/RADIANCE™/AGRITEC/PRISTINEBLUE/ALGAE SHIELD™** will freeze. Always keep container closed. Store **EARTHTEC/RADIANCE/AGRITEC/PRISTINEBLUE/ALGAE SHIELD™** in its original container only. Keep away from galvanized pipe, and any nylon storage or handling equipment.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess **EARTHTEC/RADIANCE™/AGRITEC/PRISTINEBLUE/ALGAE SHIELD™** spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

In the event of spill, neutralize with limestone or baking soda before disposal. May deteriorate concrete.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**EARTHTEC and AGRITEC Sub-Labels:**

## GENERAL BACTERIA CONTROL

Application rates may vary depending on amounts of organic matter (sewage) in lagoons and pits. Application should be done by pouring product directly from the container into the pit or lagoon. Several application points speed up dispersal. Use one gallon of full strength **EARTHTEC/AGRITEC** in 60,000 gallons (8,000 cubic feet) of sewage. For easiest results, disperse **EARTHTEC/AGRITEC** evenly throughout sewage. Bacteria and odors should be noticeably reduced in 1-2 weeks. Repeat application when odor reoccurs.

**Feedlot Run-Off Lagoons:** Add a portion of the required dosage of **EARTHTEC/AGRITEC** at several locations around the lagoon to speed dispersal of the product. A minimum of two applications per year (spring and fall) is recommended. Additional applications may be required as needed when the lagoon is pumped.

**Animal Confinement Pits:** If pits are located under the confinement buildings, add **EARTHTEC/AGRITEC** directly to these pits. If the pits are outside, add product to the transfer line to the pit.

**Other Organic Sludges:** **EARTHTEC/AGRITEC** must be thoroughly mixed with sludge. Apply at the rate of one gallon **EARTHTEC/AGRITEC** in 30,000 gallons of sludge.

### **EARTHTEC Sub-Label:**

**Livestock Watering Systems:** Apply at a rate of one gallon **EARTHTEC** per 1,000,000 gallons of water.

### **EARTHTEC, RADIANCE™ and AGRITEC Sub-Labels:**

## GENERAL ALGAE CONTROL

For algae control, apply in the late spring or early summer when algae first appear. The dosages are variable and depend upon algae species, water hardness, water temperature, amount of algae present, as well as whether water is clear, turbid, flowing or static. Preferably, the water should be clear with temperature above 60 degrees F (15.6 degrees C). Higher dosages are required at lower water temperatures, higher algae concentrations and for hard waters. Application should be done by pouring **EARTHTEC/RADIANCE™/AGRITEC** directly from the container into the lakes, ponds reservoirs or irrigation canals. Several application points speed up dispersal. Static water requires less chemical for algae control than does flowing water. Use higher dosages for chara, nitella and filamentous algae (pond scum) and lower dosages for planktonic algae. If there is uncertainty about the dosage begin with a lower dosage and increase until control is achieved or until the maximum allowable level has been reached.

Treatment of algae can result in oxygen loss from the decomposition of dead algae. This loss can cause fish suffocation. If the algae cover more than one-third of the total water area, treat in sections. Treat one-half of the water area in a single operation and wait for 10 to 14 days between treatments. Begin treatment along the shore and proceed outward in bands to allow fish

to move into untreated areas. In regions where ponds freeze in winter, treatment should be done 6 to 8 weeks before expected freeze to prevent masses of decaying algae under an ice cover.

Trout and certain other species of fish may be killed at recommended application rates, especially in soft or acidic waters. Before treating bodies of water, consult proper state authorities such as the Fisheries Commission or Conservation Department to obtain any necessary permits.

**EARTHTEC Sub-Label:**

**SPECIFIC DIRECTIONS FOR USE**

**To Control Algae in Irrigation Conveyance Systems:** For continuous addition, add one pint of **EARTHTEC** for each 7,500-300,000 gallons. For conveyance systems longer than 30 miles, it is recommended that the above dose be dispersed among the injection points every 30 miles. Do not exceed the dose of one gallon in 60,000 gallons.

**To Control Algae in Impounded Waters, Lakes, Ponds, Lagoons, Livestock Watering Systems and Reservoirs:** For easiest results disperse **EARTHTEC** evenly throughout the body of water. Apply at the rate of one pint **EARTHTEC** in 7,500 – 300,000 gallons. For best results apply to warm still water on a sunny day when algae are near the surface. For potable and livestock watering systems, do not exceed one gallon in 60,000 gallons under any circumstances (1 ppm metallic copper).

Do not apply copper sulfate to water less than 40 ppm alkalinity without first doing a preliminary toxicity test on fish in the water in a separate container. Copper sulfate may be very toxic to trout and other species in soft or acidic water so preliminary testing is necessary.

**Footbaths for Cattle:** Add one gallon of **EARTHTEC** to 50 gallons of water to use as footbath to control growth of “hoof rot” on cattle hooves. Prior to treatment, you should consult a veterinarian to confirm the presence of hoof rot. Animals may be walked through water containing a solution of **EARTHTEC** mixed as described above. The treatment may occur twice a day and each immersion should be between 5 to 20 minutes or for the period prescribed by a veterinarian. Do not allow the cattle to drink from the footbaths as copper sulfate in these concentrations may be toxic. The footbaths should be kept clean. Follow the instructions under Storage and Disposal when solutions are discarded at the end of the treatments.

**RADIANCE™ Sub-Label:**

**SPECIFIC DIRECTIONS FOR USE**

**To Control Algae in Irrigation Conveyance Systems:** For continuous addition, add one pint of **RADIANCE™** for each 7,500-300,000 gallons. For conveyance systems longer than 30 miles, it is recommended that the above dose be dispersed among the injection points every 30 miles. Do not exceed the dose of one gallon in 60,000 gallons.

**To Control Algae in Impounded Waters, Lakes, Ponds, Livestock Watering Systems and Reservoirs:** For easiest results disperse **RADIANCE™** evenly throughout the body of water. Apply at the rate of one pint **RADIANCE™** in 7,500 – 300,000 gallons. For best results apply to warm still water on a sunny day when algae are near the surface. For potable and livestock watering systems, do not exceed one gallon in 60,000 gallons under any circumstances (1 ppm metallic copper).

Do not apply copper sulfate to water less than 40 ppm alkalinity without first doing a preliminary toxicity test on fish in the water in a separate container. Copper sulfate may be very toxic to trout and other species in soft or acidic water so preliminary testing is necessary.

**AGRITEC Sub-Label:**

**SPECIFIC DIRECTIONS FOR USE**

**To Control Algae in Rice Fields and Wild Rice Fields:** **AGRITEC** should be applied at the first sign of algae growth on the surface of the field. Applications are most effective when made prior to algae leaving the soil surface and rising to the water surface. Factors such as water depth, temperature, pH and the amount of algae can affect the amount of **AGRITEC** required but do not exceed 5-7 gallons per acre. **AGRITEC** can be metered into the rice field as water is being applied or slug fed into each paddy when water is being held.

**To Control Tadpole Shrimp in Rice Fields:** Application should be made to the flooded fields any time the pest appears from planting time until the seedlings are well rooted and have emerged through the water. The use rate per acre should be determined by the water depth and flow. Use 2 gallons **AGRITEC** per acre as the initial rate at minimum flow and water depth and 4 gallons **AGRITEC** per acre as the higher rate when depth and flow are maximum.

**To Control Algae or Bacteria in Non-Sprinkler, Non-Drip Irrigation Conveyance Systems and Chemigation Systems, Ditches, Canals, and Similar Irrigation Conveyances:** For continuous addition, add one pint **AGRITEC** for each 7,500-300,000 gallons. For conveyance systems longer than 30 miles, it is recommended that the above dosage be dispersed among the injection points every 30 miles. However, do not exceed the total dose of one gallon in 60,000 gallons (1 ppm metallic copper).

**To Control Algae or Bacteria in Sprinkler, Drip or other Types of Irrigation Equipment:** Agitation is not required. Do not mix with basic substances. **AGRITEC** must be applied continuously for the duration of the water application.

Mixing instruction for dilution of **AGRITEC** is 1 pint per 7,500 to 300,000 gallons of water.

**To Control Algae in Impounded Waters, Lakes, Ponds, Aquaculture Systems and Reservoirs:** For easiest results disperse **AGRITEC** evenly throughout the body of water. Apply at the rate of one pint **AGRITEC** in 7,500 – 300,000 gallons. For best results apply to warm still water on a sunny day when algae are near the surface. For potable water systems, do not exceed one gallon in 60,000 gallons under any circumstances (1 ppm metallic copper).

**EARTHTEC/AGRITEC Sub-Labels:**

**Extension of Shelf Life of Fruits and Vegetables:** Add one gallon of EARTHTEC/AGRITEC to 60,000 gallons of water (approximately 1.0 ppm of metallic copper) and mix. This water is then used to wash the fruits or vegetables by immersion, spraying, soaking or other similar method. The water is then drained from the fruits or vegetables. Application as directed retards bacterial growth on the fruits and vegetables based on the 15 day shelf life tests using the standardized test conditions specified by National Sanitation Foundation and others. EARTHTEC/AGRITEC is effective in extending the shelf life against E. coli, S. faecalis, vibrio cholera and other similar bacteria. Fruits and vegetables must remain refrigerated to ensure effectiveness.

**EARTHTEC/AGRITEC/ RADIANCE™ Sub-Labels:**

**Specific Directions for Aerial Spraying:** EARTHTEC/AGRITEC/RADIANCE™ may be applied by aerial spraying from an airplane or helicopter or directly into the water body. The applicator must use measures necessary to control drift. To the extent practicable, minimize the spray drifting from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals and avoid sensitive environmental areas. Any State requirements applicable to the aerial application of pesticides, such as EARTHTEC, AGRITEC/RADIANCE™ must be followed.

**PRISTINEBLUE and ALGAE SHIELD™ Sub-Labels:**

**SPECIFIC DIRECTIONS FOR USE**

**To Control Algae in Swimming Pools, Spas & Hot Tubs:** Treated pool effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Apply at the rate of 2-4 quarts of PRISTINEBLUE/ALGAE SHIELD™ per 60,000 gallons (8,000 cu. ft.) This will yield a rate of from 0.5 ppm to 1.0 ppm metallic copper. Application should be made before visible algae appear. Where visible algae are present, apply at the higher rate. For maintenance dosages and where visible algae are not present, use the lower rate. Repeat maintenance dosages to maintain the recommended concentration and avoid excessive buildup of metallic copper. PRISTINEBLUE may be used to help suppress bacterial growth which causes pool odors and algae during the winter months. Maintain the higher rate while the pool is not being used during the winter.

**EARTHTEC/PRISTINEBLUE Sub-Labels:**

Certified by National Sanitation Foundation International for use in drinking water systems. The finished drinking water should be monitored to ensure that levels of copper do not exceed 1.3 mg/L.

JUN 19 2009

Certified to  
NSF/ANSI 60**All Uses and All Sub-Labels:****LIMITED WARRANTY AND LIMITATION OF REMEDIES**

Seller warrants that the product conforms to the chemical description and is reasonably fit for the purpose stated on the label for use under normal conditions, but makes no other warranties of FITNESS OR MERCHANTABILITY expressed or implied, or any other warranty if the product is used contrary to the label instructions, or under conditions not foreseeable to the seller. To the fullest extent allowed by law, the seller shall not be liable for more than the cost of this product to the buyer and will in no event be liable for any consequential, special or indirect damages connected with the use or handling of this product. This product is offered and the buyer or user accepts it subject to the foregoing terms which may not be varied.

**All Uses and All Sub-Labels:**

Manufactured by:

Earth Science Laboratories, Inc.  
113 SE 22<sup>nd</sup> Street, Suite 1  
Bentonville, AR 72712  
Phone: 800-257-9283

**RADIANCE™ Sub-Label:**

Distributed by:

Aquatrols Corp.  
1273 Imperial Way  
Paulsboro, NJ 08066  
Phone: 856-537-6003  
Fax: 856-537-6018  
[www.aquatrols.com](http://www.aquatrols.com)