

66784-1

04-02-2009

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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

APR 2 2009

Ms. Olivia Laird  
Agent for PRONTECH  
Laird's Regulatory Consultants, Inc  
17804 Braemar Place  
Leesburg, VA 20175-7046

SUBJECT: PRONTECH  
EPA Registration No.: 66784-1  
Amendment Date: October 27, 2008  
EPA Receipt Date: November 3, 2008

Dear Ms. Laird,

The following amendment submitted in connection with registration under FIFRA section 3(c)(7)(A), as amended, is acceptable with the conditions listed below.

- Adding additional floriculture site, Turf Farms

**Conditions**

Revise the label as follows:

1) According to 40 CFR 156.68 (d), the first aid statement must appear on the front panel of the label if classified in Toxicity Category I for any route of exposure. Since your product is classified as toxicity category I for eye and skin, the statements must be moved to the front panel. Also, the statements must be revised to be in compliance with PR Notice 2001-1 by deleting the heading, "Statements of Practical Treatment," on page 2 and state "First Aid" such that it is in compliance with PR Notice 2001-1, First Aid Statements. Immediately after the "First Aid" heading, add the statement, "Have this product container or label with you when calling a poison control center or doctor, or going for treatment."

2) The "Container Disposal" statements on page 2 must be brought into compliance with PR Notice 2007-4, Container Rule by stating the following: Nonrefillable container. Do not use or refill this container. Clean container promptly after emptying. Then offer for recycling or reconditioning if available, or dispose in sanitary landfill or other procedures approved by state and local authorities.

Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions

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Repeat two more times. If not tripled rinsed, these containers are acutely hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

3) The "Environmental Hazards" statements on page 8 must be relocated to page 2 below the "Storage and Disposal" statements and brought into compliance with PR Notice 95-1 by stating: "This product is toxic to fish, freshwater invertebrates, oysters, and shrimp. 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 EPA."

4) Since the directions are the same, I suggest consolidating the food contact sanitizing directions for the various food processing industries. Change the heading to read "Food, Dairy, Meat, Poultry, Fish Industries." Revise the 2<sup>nd</sup> and 3<sup>rd</sup> statement under the 1<sup>st</sup> paragraph for these directions on page 3 by stating " This product is intended for use in dairies, food processing plants, retail food markets, food service companies (cafeterias and restaurants), meat/poultry packaging and processing plants, and fish processing plants. Apply PROTECH solutions with a clean cloth, sponge, mop, or mechanical spray." Delete the phrase, "dip tank and articles such as employees tools, gloves, and hands."

5) Delete the 4th statement under the 1st paragraph on page 3 and state "Food products and packaging materials must be removed from the room or carefully protected."

6) The "Food Contact Sanitizing" directions must be revised to comply with DIS/TSS 17 by stating the following:

Prior to sanitizing, remove gross food particles and soil by a preflush or prescrape and when necessary, a presoak. Then thoroughly wash or flush objects with a good detergent or compatible cleaner, followed by a potable water rinse.

**To Sanitize Immobile Items:** (tanks, chopping blocks, tables, countertops, food processing equipment): Apply a 200 ppm solution of PRONTECH ( 3.8 gms in 2 gallons of water) to pre-cleaned, hard, nonporous immobile surfaces by thoroughly wetting surfaces with a cloth, mop, sponge, or mechanical sprayer. Surfaces must remain wet for 2 minutes. Remove excess, drain the use solution from the surface and air dry. No potable water rinse is allowed.

**To Sanitize Mobile Items:** (drinking glasses, dishes, eating utensils): Immerse precleaned mobile items in a 200 ppm solution of PRONTECH (3.8 gms in 2 gallons of water) for 2 minutes. Remove items, drain the use solution from the surface and air dry. Prepare a fresh solution at least daily or more frequently as solution becomes dirty or soiled. No potable water rinse is allowed.

7) The "Disinfection of Non-Food Contact Surfaces" directions must be revised to comply with DIS/TSS 18 by stating the following: Food products and packaging materials must be removed

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from the room or carefully protected. Preclean heavily soiled surfaces. Apply 400 ppm solution of PRONTECH to previously cleaned nonfood contact surfaces (walls, floors, counters, columns, ceilings, sinks, trash cans/barrels, light fixtures, nonfood processing equipment) with cloth, sponge, mop, or mechanical spray. Thoroughly wet surfaces for 10 minutes. Allow surfaces to air dry. Prepare fresh solution daily or when it becomes visibly soiled.

8) Hand sanitizing and "Udder and Teat" claims are not within EPA's jurisdictional purview. Directions and label claims for these two sites must be deleted in accordance with the Alkyl Dimethyl Benzyl Ammonium Chloride Reregistration Eligibility Document.

9) Revise the "Boot Sanitization" directions to read " Shoe baths containing one inch of freshly made sanitizing solution must be placed at all entrances to buildings, production and packaging rooms. Scrape waterproof boots. Place boots in one inch of a 200 ppm solution of PRONTECH (3.8 gms in 2 gallons of water) for 2 minutes before entering building, production and packaging room. Change sanitizing solution in bath at least daily or sooner if solution appears dirty or soiled."

10) Add the following "Glove Dip Sanitizing" directions: "Dip prewashed (plastic, latex or other synthetic rubber) non-porous gloved hands into a suitable clean container that holds one inch of a 220 ppm solution of PRONTECH (3.8 gms in 2 gallons of water) sanitizing solution for 2 minutes. Change the sanitizing solution in the bath at least daily or when solution appears dirty or soiled." These directions must be included in the "Food, Dairy, Meat, Poultry, Fish Industries" section of the label.

11) The fifth statement under "Shell Egg Sanitizing" directions must be brought into compliance with PR Notice 2005-1, Mandatory Labeling by deleting the term, should, and stating "must".

12) I suggest establishing a "Animal Premise" section that incorporate the "Farms, Poultry Farms, and Veterinary Clinics" disinfection directions. The list of microorganisms mitigated in poultry farms must precede the directions.

13) Specify "Recirculating" Cooling Water Towers" as the heading for Cooling Water Towers. If your product is intended to treat "Once- Through" and "Recirculating Cooling Water Towers, the label must support directions for each type. It is not clear what type of cooling water tower is being treated under the first set of directions on page 5. You should note that the ADBAC RED has the following label restrictions for "Once Through" Cooling Water Tower directions:

**DO NOT APPLY THIS PRODUCT MORE THAN 4 TIMES PER YEAR.**

DEACTIVATION: This product must be deactivated prior to discharge of the NPDES outfall.

TO DEACTIVATE: Use Bentonite Clay at a minimum ratio 5 ppm clay to 1 ppm product. Deactivation must occur prior to discharge of the NPDES outfall.

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14) The 2nd statement under the "Swimming Pool" directions on page 6 must be brought into compliance with PRN 2001-1, Mandatory Labeling by deleting the term, should, and stating "must." Also, add the statement, "Do not apply when swimmers are in the pool. 15 minute Re-entry Interval for Swimmers. Lastly, revise the last statement under the "Initial Dose" instructions to read "When pool is free of visible algae, use maintenance dose."

15) Revise the "Hospital Use Directions" to read "Preclean heavily soiled surfaces. Apply 800 ppm solution of PROTECH to previously cleaned nonfood contact surfaces (walls, floors, bedframes, tables, counters, columns, ceilings, sinks,, trash cans/barrels, light fixtures) with cloth, sponge, mop, or mechanical spray. Thoroughly wet surfaces for 10 minutes. Allow surfaces to air dry. Prepare fresh solution daily or when it becomes visibly soiled."

16) The "Personal Protection" statement under "HIV" directions must be revised by deleting the term, "or," and stating "and" because these personal protection items are not optional.

17) The "Disposal of Infectious Material" statement under the "HIV" directions must be brought into compliance with PR Notice 2001-5, Mandatory Labeling by deleting the term, should, and stating "must."

18) Move the "Limited Warranty and Disclaimer" statement to appear as the last section of the label. The information interferes with the "Floriculture" directions.

19) Move the "Personal Protective Equipment (PPE)" section and the "User Safety Recommendations" to appear after the "Precautionary Statements. Also, revise the "Personal Protective Equipment (PPE)" section on page by adding the statements, "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 instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry."

20) Revise "User Safety Recommendations to comply with PR Notice 2005-1, Mandatory Labeling by deleting the term, should, and state *must*. Also, add a third bullet in this section that reads "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."

21) The WPS established a 48-hour REI for active ingredients in category I based on skin irritation or eye irritation effects, since data indicate that skin and eye irritation effects are the most common post-application worker concern. **Revise the Re-entry Interval to 48 hours.**

22) The ADBAC RED's label table mandates additional restrictions to the use of this active ingredient for ornamental uses by added to "Directions for Use." Add the following statements:

Application is limited to Spot Treatment of diseased ornamental plants and flowers at a maximum rate of 800 ppm and total use of ~~CONCURRENSES~~

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Treatment is restricted to indoor uses or uses in which controlled conditions to prevent run-off and exposure to the environment. In the case of diseased trees, the spot treatment of trees must be at least 100 feet from any pond, lake, stream, or river to prevent possible run-off of the product into the waterway.

**Do Not Apply by Aerial Spray.**

23) Add a "Physical and Chemical Hazards" section on page 2 and place the statement, "Do not use or store near heat or open flame. Do not mix with oxidizers, anionic soaps and detergents."

**General Comments**

A stamped copy of the label accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

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

Should you have any questions or comments concerning this letter, please contact Jacqueline McFarlane at (703) 308-6416 or Velma Noble at (703) 308-6233.

Sincerely,

*Jacqueline L. McFarlane*  
Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure: Stamped Label

Product Chemistry Evaluation CONCURRENCES

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BEFORE USING THIS PRODUCT PLEASE READ THE ENTIRE LABEL

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# PRONTECH™

BACTERICIDE - FUNGICIDE - VIRICIDE\* - ALGICIDE

ACTIVE INGREDIENT:	n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chlorides	40%
INERT INGREDIENT:	Urea	60%
TOTAL		100%

This product is designed exclusively for industrial, commercial and institutional use, and must be applied by trained maintenance personnel. Label directions and precautions must be followed exactly. United Promotions Inc. will not be responsible for any injury, loss or damage if product is used in any manner not in compliance with the label directions or if the precautions are not observed.

See **DIRECTIONS FOR USE** on back of this package.

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

PRECAUTIONARY STATEMENT  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible skin damage and skin burns. May be fatal if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe dust. Wear protective eyewear (goggles, face shield or safety glasses), chemical resistant gloves, and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

See Statement of Practical Treatment on Side Panel.

**NET WEIGHT:            LBS. (    KGS.)**

EPA Reg. No. 66784-1

EPA Est. No. 66784-GA-001

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
**APR 2 2009**

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

66784-1

**STATEMENT OF PRACTICAL TREATMENT**

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Removes contact lenses, if present, after the first 5 minutes, then continue rinse eye. Call a control poison center or doctor for treatment advice.

**If swallowed:** Call a poison center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to unconscious person. Have person sip of water if able to swallow.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an Ambulance, then give artificial respiration, preferably by mouth to mouth if possible. Call a control poison center or doctor or going for treatment.

**NOTE FOR THE PHYSICIANS:** Probable muscosal irritation may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression and convulsion may be needed.

**STORAGE AND DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

**PESTICIDE STORAGE**

Store in a dry place no higher than 120°F.  
Avoid creasing or impacting of sidewalls.

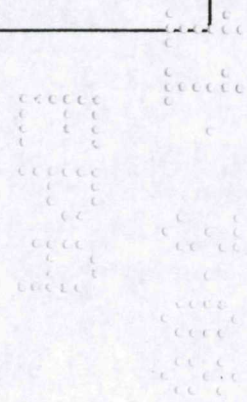
**CONTAINER DISPOSAL**

Do not reuse container. Discard container in trash.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides solutions or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to use instructions on the label, contact your State Pesticides or Environment Control Agency, or the Hazardous Waste Representative at an EPA regional office for guidance.

Distributed by  
United Promotions Inc.  
2030 Powers Ferry Rd SE Suite 136 Atlanta, Georgia 30339 U.S.A  
Telephone: 7705416055  
FAX: 7705417344



# PRONTECH™

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## DIRECTIONS FOR USE

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

### PRONTECH™ DILUTION TABLE

Preparing solutions is made easy with the provided measure scoop. It holds 3.8 grams of PRONTECH™ which is the unit or "dose" for making up solutions quickly and accurately. Add PRONTECH™ to water. It dissolves rapidly in hot or cold water. PRONTECH™ is stable in solution in a closed container.

YIELD/POUND OF PRONTECH™	
1600 ppm	30 gallons
800 ppm	60 gallons
400 ppm	120 gallon
200 ppm	241 gallons
100 ppm	482 gallons

ADD 1 DOSE (3.8 grams) TO:
1 qt. water for 1600 ppm
2 qts. water for 800 ppm
1 gal. water for 400 ppm
2 gals. water for 200 ppm
4 gals. water for 100 ppm

28.35 g = 1 ounce.

### IN FOOD AND DAIRY INDUSTRIES

This product is intended for sanitizing and disinfecting in dairies and dairy farms, food processing plants, retail food markets and food service companies such as restaurants and cafeterias. Apply PRONTECH™ solutions as a spray or mist, with a clean cloth, sponge or mop or used in a dip tank for smaller equipment and articles ~~such as employees' tools, gloves and hands.~~ PRONTECH™ solutions are stable. Clean, unused portions may be stored in a sealed container for later use. ~~Do not contaminate food, water, food or packaging materials.~~ Authorized for use in federally inspected meat and dairy facilities.

PRONTECH™ fulfills the criteria of Appendix F, the Grade "A" Pasteurized Milk Ordinance, 1978 Recommendation of the United States Public Health Service. When tested by the method outline by Chambers, 200 ppm of the active ingredient will reduce 99.999% of the test organism within 30 seconds, in water hardness up to 550 ppm when calculated as CaCO<sub>3</sub>.

1. **TO SANITIZE FOOD CONTACT SURFACES:** Remove gross filth and heavy soil by flushing, scraping or mopping. Preclean surface rinse well. Use PRONTECH™ to sanitize any previously cleaned and rinsed **FOOD CONTACT SURFACES** (e.g., sanitary pipe, fittings and pumps; machinery such as blenders, fillers, packaging machines, conveyors, scales; plastic or metal tote boxes; milking machines and related equipment) apply a 200 ppm solution of PRONTECH™ (3.8 grams in 2 gallons of water equals 200 ppm) to thoroughly wet the surface to be sanitized. Apply solution promptly after cleaning or just before reuse. Sanitize by immersion. All surfaces must be thoroughly wet for 2 minutes for proper sanitization. **A potable rinse is not required.** Prepare fresh use solution daily. Discard solutions when they become soiled. Food products and packaging materials must be removed from the room or carefully protected.

2. **TO DISINFECT NON-FOOD CONTACT SURFACES** Remove gross filth and heavy soil with a preliminary cleaning step by flushing with water, vacuuming or sweeping. Use PRONTECH™ to disinfect any previously cleaned and rinsed **NON-FOOD CONTACT SURFACES** (e.g., walls, columns, floors, ceilings, light fixtures, sinks, trash barrels, inedible drums, non-processing machinery) apply a 400 ppm solution, of PRONTECH™ (3.8 grams in one gallon of water equals 400 ppm) using a brush or mechanical spray device. Wet surfaces thoroughly and allow 10 minutes contact time. Do not rinse unless required by local authorities. This application is also suitable for toilets exteriors, showers, and locker rooms; break rooms and similar public areas. Prepare fresh use solution daily. Do not reuse solution. Discard solutions when they become soiled. Food products and packaging materials must be removed from the room or carefully protected.



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3. ~~**TO SANITIZE THE UDDERS AND TEATS**~~ The udders, flanks, and teats of dairy cows can be washed with a solution of 200 ppm Prontech (3.8 grams in 2 gallons of warm water). Use a fresh towel for each cow. Avoid contamination of wash solution by dirt and soil. ~~Do not dip used towel back into wash solution. When visible dirty, discard and provide fresh solution.~~
4. **TO SANITIZE BOOTS** Use a 200 ppm solution (3.8 grams in 2 gallons of water) in foot baths to sanitize boots at entrances to production areas. Allow a contact time of 2 minutes.

## IN MEAT, POULTRY AND FISH INDUSTRIES, POULTRY HATCHERIES AND FARM, MEAT PLANTS, HOG AND CATTLE

This product is intended for sanitizing and disinfecting in poultry slaughtering and further processing plants, poultry hatcheries and farm meat plants, hog and cattle farms, fish hatcheries and plants. PRONTECH™ solutions may be applied as a spray or mist, with a clean cloth sponge or mop or used in a dip tank for smaller equipment and articles ~~such as employees' tools, gloves and hands.~~ PRONTECH™ solutions are stable. Clean, unused portions may be stored in closed containers for later use. ~~Do not contaminate feed, feed, drinking water or packaging materials.~~

PRONTECH™ is accepted by USDA/FIS for use in official establishments operating under the Federal meat, poultry, shell egg grading and egg products inspecting inspection programs.

1. **TO SANITIZE FOOD CONTACT SURFACES:** Remove gross filth and heavy soil by flushing, scraping or mopping. Preclean surface rinse well. Use PRONTECH™ to sanitize any previously cleaned and rinsed **FOOD CONTACT SURFACES** (e.g., sanitary pipe, fittings and pumps; machinery such as blenders, fillers, packaging machines, conveyors, scales; plastic or metal tote boxes; milking machines and related equipment.) apply a 200 ppm solution of PRONTECH™ (3.8 grams in 2 gallons of water equals 200 ppm) to thoroughly wet the surface to be sanitized. Apply solution promptly after cleaning or just before reuse. Sanitize by immersion. All surfaces must be thoroughly wet for 2 minutes for proper sanitization. **A potable rinse is not required.** Prepare fresh use solution daily. Discard solutions when they become soiled. Food products and packaging materials must be removed from the room or carefully protected.

2. **TO DISINFECT NON-FOOD CONTACT SURFACES** Remove gross filth and heavy soil with a preliminary cleaning step by flushing with water, vacuuming or sweeping. Use PRONTECH™ to disinfect any previously cleaned and rinsed **NON-FOOD CONTACT SURFACES** (e.g., walls, columns, floors, ceilings, light fixtures, sinks, trash barrels, inedible drums, non-processing machinery.) apply a 400 ppm solution, of PRONTECH™ (3.8 grams in one gallon of water equals 400 ppm) using a brush or mechanical spray device. Wet surfaces thoroughly and allow 10 minutes contact time. Do not rinse unless required by local authorities. This application is also suitable for toilets exteriors, showers, locker rooms, break rooms and similar public areas. Prepare fresh use solution daily. Do not reuse solution. Discard solutions when they become soiled. Food products and packaging materials must be removed from the room or carefully protected.

3. **SHELL EGG SANITIZING:** To sanitize clean, whole shell eggs indented for food or food product. Spray with a solution of 3.8 grams of product in 2 gallons of water (providing 200ppm active). The solution must be equal to or warmer to the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow draining. Eggs that have been sanitized with quaternary ammonium compound shall be subjected to a thorough potable water rinse only if they are to be immediately broken for use on the manufacture of egg products. Eggs ~~should~~ be reasonable dry before casing or breaking the solution must not be reuse for sanitizing eggs. Dirty, cracked or punctured eggs cannot be sanitized.

4. **TO SANITIZE BOOTS** Use a 200 ppm solution (3.8 grams in 2 gallons of water) in foot baths to sanitize boots at entrances to production areas. Allow a contact time of 2 minutes

### 5. **FARMS**

Remove all animals and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with a use solution of 400 ppm of this product for a period of 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

### 6. **POULTRY FARMS**

Remove all poultry and feeds from premises, trucks, coops, and crates. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 400 ppm of this product for a period of 10 minutes. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

Use it to disinfect poultry hatcheries, setter trays, hatch baskets and machinery, all dry storage, cold rooms, docks, trucks, and transport cages.

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MICROORGANISM	TYPE OF MICROORGANISM
<i>Avian influenza H9N9</i>	Virus
<i>Avian influenza H5N1</i>	Virus
<i>Aujesky disease virus</i>	Virus
<i>Avian metapneumovirus</i>	Virus
<i>Gumboro virus</i>	Virus

## GENERAL USES

- TO CONTROL ODORS** in dry storage areas, cold rooms, refrigerated showcases, kitchens, docks, dumpsters, and in waiting rooms, toilet exteriors, showers, etc., apply a fine spray mist of 800 ppm PRONTECH™ solution throughout the area or on the equipment. To control more intense odors, use a 1600 ppm PRONTECH™ solution. **Rinse food contact surfaces with potable water before use.** Do not spray on food or packaging materials.
- VETERINARY FACILITIES:** For cleaning and disinfecting the following hard non-porous surfaces: instruments, cages, kennels, stables, catteries, etc. Remove all animals and feed from premise, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces occupied or transverse by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 400 ppm of this product for a period of 10 minutes. Ventilate building and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers, and other equipment which dispenses food or water with soap or detergent, and rinse with potable water before reuse.
- GLOVES SANITIZING:** Wash ~~hands and~~ gloves with warm water and soap. Rinse with potable water. Immerse gloves for 1 minute or more and immerse hands briefly in a 100 to 200 ppm solutions of PRONTECH™ to above the wrist area. Drain or wipe hands with a clean single service towel. **Do not rinse gloves** unless required by regulating authorities. Discard used solution daily or more often if it becomes diluted. Establish a procedure to test solution strengths in your situation.

## PULP & PAPER

PRONTECH™ is included in the list of substances acceptable as slimicides in 21 CFR 176.300 (c) without limitations and (d). PRONTECH™ may be used as an antimicrobial agent to control slime in the manufacturing of paper and paper board, including those paper products that contact food.

**AS A SLIMICIDE IN PULP AND PAPER MILLS:** To control bacteria and fungi in the process water, add 340 grams of PRONTECH™ to each 1,000 gallons of water. Dilution will be 36 ppm. Determine results and adjust the amount of PRONTECH™ to the minimum necessary for control.

Add PRONTECH™ once a day to any or several of the following areas as needed: pulper, machine chest, fan pump suction, mix chest, broke chest.

**AS AN ALGICIDE IN PULP AND PAPER MILLS:** To control algae in process water, add 57 to 113 grams of PRONTECH™ to each 1,000 gallons of water, depending on the kind and amount of algae present. Dilutions will be 6 ppm to 12 ppm.

Add PRONTECH™ once a day to any or several of the following areas as needed: pulper, machine chest, fan pump suction, mix chest, broke chest.

## COOLING TOWERS SYSTEMS

### FOR ALGAE CONTROL IN INDUSTRIAL AND COMMERCIAL COOLING TOWERS SYSTEMS:

To control algae in metal or wooden cooling towers, apply the product to the sources of water such as the boiler and cooling tower. Apply after cleaning the system. Apply directly to the water of the boiler and cooling tower, following modified intermittent parent method. Initial dose:

3.8 grams of PRONTECH™ in 4 gallons water = 100 ppm  
1 ounce of PRONTECH™ in 30 gallons water = 100 ppm

When control is achieved maintain with 20 ppm applications weekly.

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## FOR ALGAE CONTROL IN INDUSTRIES AND COMMERCIAL RECIRCULATING WATER COOLING SYSTEMS:

To control algae in metal or wooden ~~recirculating~~ water cooling systems, apply the product to the sources of water such the reservoir. Apply after cleaning the system. Apply directly to the water of the reservoir, following modified intermittent parent method. Initial dose:

3.8 grams of PRONTECH™ in 4 gallons water = 100 ppm  
1 ounce of PRONTECH™ in 30 gallons water = 100 ppm

When control is achieved maintain with 20 ppm applications weekly.

## SWIMMING POOLS

### AS A SWIMMING POOL ALGICIDE:

Keeps pool water clear and free of visible algae.

\*Initial Dose Ratio: 907 grams in 50,000 gallons of water  
\*Maintenance Dose Ratio: 227 grams in 50,000 gallons of water

When used as directed, this product will kill and prevent development of *Chlorella pyrenoidosa* (green algae), *Porimidium inundetum* (black algae), *Phorimidium retzii* (Square D Algae), *Lyngba versicolor* (blue-green algae) and other swimming pool algae. It is compatible with most commonly used swimming pool chemicals, but ~~should~~ not be mixed with soap or other water treating chemicals. It works best when added by itself. Add PRONTECH directly into the skimmer or vacuum line to the filter, recirculating the filter and returning the compound in the filter to the pool. Keep the filter running for 12 hours. Backwash the filter if it becomes clogged.

**INITIAL DOSE** is used when filling the pool or at the start of the swimming season if there is visible algae growth. Add PRONTECH™ when the filter and pump are in operation for better mixing and distribution. Vacuum the pool after 24 hours to remove any algae debris. If visible algae are still present or reappear, repeat treatment procedures as necessary. When pool is free of visible algae, use recommended maintenance dose.

**MAINTENANCE DOSE** is used at 3 - 5 day intervals. Add PRONTECH™ while water is being circulated. Use at 3-day intervals when temperatures are high, when the bathing load is heavy and always after a rain. Also add a maintenance dose for each 10,000 gallons of makeup water or in that ratio. Add 45 grams for 10,000 gallons, 113 grams for 25,000 gallons, etc. After adding PRONTECH™, wait 15 minutes before entering pool.

## HOSPITAL USE DIRECTIONS

**For cleaning and disinfecting the following hard non-porous surfaces:** instruments, walls, columns, floors, ceilings, light fixtures, sinks, trash barrels. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 800 ppm using a cloth, mop, or sponge (3.8 grams per 2 quarts of water) of this product for a period of 10 minutes. Rinse with potable water before reuse.

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

### \*HIV-1

**PRONTECH KILLS HIV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECT PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood with body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD OR BODY FLUIDS.**

At 3.8 grams per 2 gallons of water for a 4-minute contact time this product was found to be effective against HIV-1 (AIDS Virus).

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**PERSONAL PROTECTION:** Specific barrier protection items to be used when handling items soiled with blood or body fluid are disposable latex glove, gowns, masks and eye coverings.

**CLEANING PROCEDURE:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**DISPOSAL OF INFECTIOUS MATERIAL:** Blood and other body fluids must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

**CONTACT TIME:** Leave surface wet for 4 minutes for HIV-1. This 4 minute contact time will not control other organisms listed on this label

## **MOLD AND MILDEW**

Add 3.8 grams per 2 gallons of water to control the growth of mold and mildew and their odors on hard, non-porous surfaces. Thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears.

# FLORICULTURE

## Personal Protective Equipment (PPE):

Applicators and other handlers who handle this pesticide must wear: Coveralls worn over long sleeved shirt and long pants, socks, chemical-resistant footwear, waterproof gloves, protective eyewear and a dust mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC23-C).

## User Safety Recommendations:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

See Statement of Practical Treatment on Back Panel

Net weight

- 2.2 lbs/1 KG
- 33 lbs/15 KG
- 300 lbs/136 KG
- 330 lbs/150 KG

**Environmental Hazard:** Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. For guidance, contact your State Water Board or Regional Office of the EPA.

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### LIMITED WARRANTY AND DISCLAIMER

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The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonable fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants. Tests have not been made on all varieties or in all states or under all conditions.

THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS.

## Fungicide - Bactericide - Algicide

### For control of foliar and root diseases in Floriculture crops in greenhouses, shadehouses and nurseries.

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 it's 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). 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 the treated areas during the restricted entry interval (REI) of 4 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 such as barrier laminate, butyl rubber, neoprene rubber, or polyvinyl chloride, shoes plus sock and protective eyewear, and dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC 21C).

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ORNAMENTAL CROPS Such as	DISEASE	INTERVAL OF APPLICATION	TYP. OF APPLICATION	RATE (PPM*) *parts per million
Carnation (Dianthus caryophyllus)	Fusarium oxysporum	15 days	Drench	1600
	Fusarium roseum	5 days	Spray	800
	Botrytis cinerea	8 days	Spray	200-400
	Cladosporium echinulatum	8 days	Spray	400
	Alternaria sp.	8 days	Spray	800
	Pythium sp.	15 days	Drench	800
	Rhizoctonia sp.	15 days	Drench	800
Rose	Botrytis cinerea	8 days	Spray	200-400
	Rhizoctonia sp.	15 days	Drench	800
	Oidium sp. (Powdery Mildew)	4-8 days	Spray	400
	Agrobacterium tumefaciens	1 time	Drench	800
	Pythium	15 days	Drench	800
Chrysanthemum (Chrysanthemum morifolium)	Botrytis cinerea	8 days	Spray	200-400
	Alternaria sp.	8 days	Spray	600-800
	Pythium sp.	15 days	Drench	800
	Pseudomonas cichorii	15 days	Spray	400-600
Baby's Breath (Gypsophila paniculata)	Botrytis cinerea	8 days	Spray	200-400
	Agrobacterium tumefaciens	1 time	Drench	800
	Erwinia carotovora	15 days	Drench	800
Statice (Limonium sp.)	Botrytis cinerea	8 days	Spray	200-400
	Pythium sp.	15 days	Drench	800
	Rhizoctonia sp.	15 days	Drench	800
Aster (Callistephus chinensis)	Fusarium roseum	8 days	Spray	800
	Botrytis cinerea	8 days	Spray	200-400
	Oidium sp. (Powdery Mildew)	4-8 days	Spray	400
	Agrobacterium tumefaciens	1 time	Drench	800
Gerbera (Gerbera jamesonii)	Fusarium roseum	8 days	Spray	800
	Botrytis cinerea	8 days	Spray	200-400
	Pythium sp.	15 days	Drench	800
	Rhizoctonia	15 days	Drench	800
	Pseudomonas cichorii	15 days	Spray	400-600
	Xanthomonas sp.	15 days	Spray	400-600
Alstroemeria (Alstroemeria sp.)	Botrytis cinerea	8 days	Spray	200-400
	Pythium sp.	15 days	Drench	800
	Rhizoctonia sp.	15 days	Drench	800

ORNAMENTAL CROPS Such As	DISEASE	INTERVAL OF APPLICATION	TYPE OF APPLICATION	RATE (PPM)
Snapdragon (Antirrhinum majus)	Botrytis cinerea	8 days	Spray	200-400
	Alternaria sp.	8 days	Spray	800
	Pythium sp.	15 days	Drench	800
	Rhizoctonia sp.	15 days	Drench	800
Delphinium sp. (Delphinium sp.)	Botrytis cinerea	8 days	Spray	200-400
	Alternaria sp.	8 days	Spray	800
	Pythium sp.	15 days	Drench	800
	Rhizoctonia sp.	15 days	Drench	800
Trachelium (Trachelium caeruleum)	Botrytis cinerea	8 days	Spray	200-400
	Alternaria sp.	8 days	Spray	800
	Pythium sp.	15 days	Drench	800
	Rhizoctonia sp.	15 days	Drench	800
Stocks (Matthiola sp.)	Botrytis cinerea	8 days	Spray	200-400
	Alternaria sp.	8 days	Spray	800
	Pythium sp.	15 days	Drench	800
	Rhizoctonia	15 days	Drench	800
Anthurium (Anthurium sp.)	Xanthomonas campestris	15 days	Spray	400-600
	Xanthomonas anthuriae	7 days	Spray	400-600
Post-Harvest Cut Flowers	Bacteria, Fungi	1 time	Immerse stems 1-2 hours	200
Turf	Rhizoctonia sp.	15 days	Drench	800
	Phytium sp.	15 days	Drench	800
	Xanthomonas sp.	15 days	Spray	400-600
	Pseudomonas sp.	15 days	Spray	400-600
	Pyricularia oryzae	15 days	Drench	800
	Sclerotinia homeocarpa	15 days	Drench	800-1600
Disinfestation (Floriculture species including those listed above)	Bacteria, Fungi	1 time	Immerse in solution 30 seconds	400

### TO DISINFECT HARD NON - POROUS SURFACES

Remove gross filth and heavy soil with a preliminary cleaning step by flushing with water, vacuuming or sweeping. Use PRONTECH™ to disinfect any previously cleaned and rinsed surface (e.g., floors, walls, benches, columns, ceilings, light fixtures, sinks, trash barrels, inedible drums, evaporative coolers, equipment) apply a 400 ppm solution as needed, of PRONTECH™ (3.8 grams in one gallon of water equals 400 ppm) using a brush or mechanical spray device. Wet surfaces thoroughly and allow 10 minutes contact time. Do not rinse unless required by local authorities. This application is also suitable for toilets exteriors, showers, locker rooms, break rooms and similar public areas. To disinfect equipment and tools immerse them daily in a 400 ppm solution for 10 minutes, of PRONTECH™ (3.8 grams in one gallon of water equals 400 ppm). Prepare fresh use solution daily. Do not reuse solution. Discard solutions when they become soiled.

### MIXING AND APPLICATION INSTRUCTIONS

Mix PRONTECH with water according to the rates listed in Directions For Use and the PRONTECH Dilution Table. Spray Floriculture crops to run off on upper and lower leaf surfaces, using 50 to 100 gallons of solution per acre. When applying PRONTECH as a drench, mix PRONTECH with water at the correct rate listed under Directions For Use, and drench at the rate of 100 gallons per 400 square feet, or apply in sufficient amount to saturate the soil mixture.

When spraying PRONTECH in greenhouses or shadehouses, make sure vents or sidewalls are open during and immediately after application to supply adequate ventilation.

See Front Panel for  
Precautionary Statement

Refer to DILUTION TABLE  
on side panel.

**Do not mix with soap anionic detergents, which would reduce the effectiveness of PRONTECH™**