

65072-5

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

**OCT 17 2006**

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Bruce J. Phillipi  
Director of Manufacturing and Research for,  
ChemStation International  
3400 Encrete Lane  
Dayton, Ohio 45439

Subject: 3540  
EPA Registration Number 65072-5  
Your Amendment Dated June 29<sup>th</sup>, 2006  
EPA Received Date July 10<sup>th</sup>, 2006

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, is to update and revise the product labeling, is acceptable.

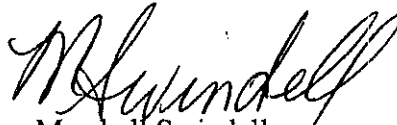
A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4(a) 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.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Swindell". The signature is written in a cursive, flowing style.

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7510P)

**STRONG OXIDIZING AGENT. Corrosive.** Mix only with water. Product must be diluted in accordance with label directions prior to use. 3540 is not combustible; however, at temperatures exceeding 158°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

#### STORAGE AND DISPOSAL

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

**Storage:** Never return 3540 to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic, reducing agents and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of decomposition, isolate container, douse container with cool water and dilute 3540 with large volumes of water. Avoid damage to containers. Keep container closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 86°F. Do not store on wooden pallets.

**Procedures for Leak or Spill:** Stop leak if this can be done without risk. Shut off ignition sources; no flames, smoking, flares or spark-producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Undiluted material should not enter confined spaces.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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. If material has been spilled, an acceptable method of disposal is to dilute with at least 20 volumes of water followed by discharge into suitable treatment system in accordance with all local, state, and Federal environmental laws, rules, regulations, standards, and other requirements. Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted by prior to disposal. 3540, which is to be discarded, should be disposed of as hazardous waste after contacting the appropriate local, state, or Federal agency to determine proper procedures.

**Container Disposal:** > 5 gallon plastic drums: 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. >5 gallons plastic tote bin liners: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### DIRECTIONS FOR USE

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

#### SANITIZATION

**NOTE: FOR MECHANICAL OPERATIONS** prepared use solution may not be used for subsequent sanitizing but may be reused for other purposes such as cleaning.

**FOR MANUAL OPERATIONS** fresh sanitizing solutions should be prepared at least daily or more often if the solution becomes diluted or soiled.

3540 peroxyacetic acid sanitizer is recommended for use on precleaned surfaces such as equipment, pipelines, tanks, vats, fillers, evaporators, pasteurizers and aseptic equipment in dairies, breweries, wineries, beverage and food processing/packing plants, egg processing/packing equipment surfaces, and eating establishments. This product is effective as a sanitizer when solution is prepared in water of up to 400 ppm hardness as CaCO<sub>3</sub>. This product has demonstrated greater than a 99.999% reduction of survivors after a 60 second exposure period in the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants study.

**Sanitizing Food Contact Surfaces:** Effective against *Staphylococcus aureus* and *Escherichia coli*. Prior to sanitizing, remove gross food particles, then wash with a detergent solution, followed by a potable water rinse. Sanitize with a concentration of 1.0 fl. oz. 3540 dissolved in 5 gallons of water (0.16% v/v concentration). This will provide 88 ppm of peroxyacetic acid. At this dilution 3540 is effective against *Staphylococcus aureus* and *Escherichia coli*. Use immersion, coarse spray or circulation techniques as appropriate to the equipment. All surfaces should be exposed to the sanitizing solution for a period of at least 60 seconds or more if specified by governing sanitary code. Drain thoroughly and allow to air dry. Do not rinse.

**Sanitizing Eating, Drinking, and Food Prep Utensils:** Remove gross food particles by a prescrape, preflush and, when necessary, a presoak treatment. Wash with a recommended detergent. Rinse with clear water. Sanitize in a solution of 1.0 fl. oz. 3540 dissolved in 5 gallons of water. Immerse all utensils for at least 60

Schools; Colleges; Veterinary Clinics; Animal Life Science Laboratories; Industrial Facilities; Office Buildings; Recreational Facilities; Retail and Wholesale Establishments

#### Active Ingredients:

Hydrogen Peroxide ..... 26.5%  
Peroxyacetic Acid ..... 4.9%  
Inert Ingredients: ..... 68.6%  
Total: ..... 100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

**Before Using This Product,  
Please Read This Entire Label Carefully.**

#### FIRST AID

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

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

**If swallowed:** 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. Call poison control center or doctor for treatment advice.

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

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

#### MANUFACTURED BY:

ChemStation International, Inc.  
3400 Encrete Lane, Dayton OH 45439  
(937) 294-8265

EPA Registration No. 65072-5  
EPA Establishment No. 65072-OH-005  
Net Contents: \_\_\_\_\_

seconds or contact time specified by governing sanitary code. Drain and air dry.

**Sanitizing Tableware:** For sanitizing tableware in low temperature warewashing machines, inject 3540 into the final rinse water at a concentration of 1.0 fl. oz. 3540 dissolved in 5 gallons of water. Do not exceed 0.16% v/v. Air dry. This will provide 88 ppm of peroxyacetic acid. To insure that the 3540 sanitizer concentration does not fall below 48 ppm peroxyacetic acid, periodically test the rinse solution with a suitable test kit and adjust the dispensing rate accordingly. Consult your technical service representative for assistance and further information on sanitizing tableware in warewashing machines.

**Final Sanitizing Bottle Rinse:** 3540 may be used as a final sanitizing rinse for returnable and non-returnable bottles at a 0.16% dilution (1.0 fl. oz. 3540 dissolved in 5 gallons of water). This will provide 88 ppm of peroxyacetic acid.

**Antimicrobial Rinse of Pre-Cleaned or New Returnable or Non-Returnable Containers:** To reduce the number of non-pathogenic beverage spoilage organisms such as *Aspergillus versicolor*, *Byssosclamyces fulva*, *Pedococcus damnosus*, *Lactobacillus buchneri*, and *Saccharomyces cerevisiae*. Prepare 3540 solution by adding 7.3 to 31 fl. oz. to 5 gallons potable water. This provides 614 to 2,632 ppm peroxyacetic acid. Apply antimicrobial rinse at a temperature of 40°C to 60°C, 104°F to 140°F and allow a minimum five-second contact period. Allow containers to drain thoroughly, and then rinse with sterile or potable water.

#### HARD SURFACE DISINFECTION

3540 disinfects as it cleans in one operation. 3540 can be used to disinfect floors, walls and other hard nonporous surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, bed frames, shelves, racks, carts, refrigerators, coolers, tile and use sites on

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this label made from linoleum, vinyl, non-porous glazed porcelain, plastic (such as polypropylene and polyethylene), stainless steel, or glass.

Areas of use in hospitals: 3540 may be used for surgical and obstetrical suites; housekeeping services; physical therapy departments; nursing services; autopsy facilities. Also, use 3540 in nursing homes, other health-care facilities, schools, colleges, veterinary clinics, animal life science laboratories, industrial facilities, dietary areas, office buildings, recreational facilities, retail and wholesale establishments.

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 pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

**Combination Disinfection and Cleaning:** 3540 is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Trichophyton mentagrophytes*, and *Escherichia coli* 0157:H7 at 0.23% (1.5 fl. oz./5 gal.) in hard water (400 ppm as CaCO<sub>3</sub>) and 5% fetal bovine serum on hard nonporous surfaces. For heavily soiled areas a pre-cleaning step is required. Apply solution with mop, cloth, sponge, brush, scrubber, or coarse spray device, or by soaking so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove solution and entrapped soil with a clean wet mop, cloth, or wet vacuum pickup. Prepare a fresh solution daily or when it becomes soiled or diluted.

3540 is designed for use in animal hospitals, animal laboratories, kennels, pet shops, zoos, pet animal quarters, poultry premises, poultry hatcheries, and livestock quarters. When used as directed, 3540 is specifically designed to disinfect, deodorize and clean inanimate, hard, surfaces such as walls, floors, sink tops, furniture, operating tables, kennel runs, cages and feeding and watering equipment. In addition 3540 will deodorize those areas which are generally hard to keep smelling fresh such as, garbage storage areas, empty garbage bins and cans, and any other areas which are prone to odors caused by microorganisms.

All treated equipment that will contact food, feed, or drinking water must be rinsed with potable water before reuse. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

**Fogging:** 3540 is for sanitizing hard room surfaces, as an adjunct to acceptable manual cleaning and disinfection of room surfaces. Prior to fogging, remove or carefully protect all food products and packaging materials. Ensure room is properly ventilated. Vacate all personnel from room during fogging and for a minimum of 2 hours after fogging. Ensure there is no strong odor characteristic of acetic acid, before having personnel return to work area. Do not enter room until hydrogen peroxide concentrations are correctly tested and are below 1 ppm, on a time weighted average. Fog areas using one quart of a 0.3% solution (3.5 fl. oz. per 10 gallons of water) per 1,000 cu. ft. of room volume. Allow surfaces to drain thoroughly before operations are resumed.

**DISINFECTION OF POULTRY PREMISES, TRUCKS, COOPS AND CRATES**

**Poultry Hatchery Disinfection:** 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 a detergent and rinse with water. Saturate surfaces with a 0.23% (1.5 fl. oz./5 gal.) solution of 3540 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 a detergent and rinse with potable water before reuse. See your technical representative for specific recommendations for all cleaning and rinsing requirements.

**Disinfection And Deodorizing of Animal Housing Facilities (Barns, Kennels, Hutches, Etc.):** Do not use in milking stalls, milking parlors, or milk houses (for phenolics, cresylic acid and pine oils). Remove animals and feed from premises, vehicles, and enclosures. Remove litter, waste matter, and gross soils 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 equipment. Thoroughly clean all surfaces with a detergent and rinse with water. Saturate surfaces with a 0.23% (1.5 fl. oz./5 gal.) solution of 3540 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, manglers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with a potable rinse before reuse.

**For Sanitizing Of Hatching Eggs:** Prepare a solution of 3540 by diluting 1.0 fl. oz. 3540 with 5 gallons of water. As eggs are gathered or prior to setting, apply solution as a coarse spray so as to lightly wet all shell surfaces.

**NOTE:** This product at its use dilution is compatible with stainless steel and aluminum surfaces. If product is intended to be used on any other surface, it is recommended that you apply product to a smaller test area to determine compatibility before proceeding with its use.

**For Treatment of Raw, Unprocessed Fruit and Vegetable Surfaces:** 3540 can be applied as a dip or spray to control the growth of non-public health microorganisms that may cause decay and/or spoilage on raw post-harvest fruits and vegetables during the washing process. This product can be applied during physical cleaning processes, including at the roller spreader, washer manifold, dip tank, on the brushes or elsewhere in the washing process prior to, simultaneously with or after detergent wash. Prepare treating solution by diluting 2 fl. oz. per 16 gallons of potable water. Apply the diluted sanitizer solution using a coarse spray directed at the fruits or vegetables, or by soaking the fruits or vegetables in the solution. Allow a contact time of at least 45 seconds. The treated produce can be drain dried without a potable water rinse. Do not reuse solution after treatment.