



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 2, 2016

Olivia Laird
Laird's Regulatory Consultants, Inc.
Agent for Thomson Research Associates
49 Gervais Drive
Toronto, Ontario, Canada

Subject: Label Amendment – Correct signal word, update precautionary statements, update storage and disposal language
Product Name: Ultra-Fresh DW-56 Biostat
EPA Registration Number: 10466-46
Application Date: March 22, 2016
Decision Number: 515681

Dear Ms. Laird:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, 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 18 months from the date of this letter. After 18 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 the Federal Insecticide Fungicide and Rodenticide Act 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) list 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 substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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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 Joe Daniels by phone at (703) 347-8669, or via email at daniels.joseph@epa.gov.

Sincerely,

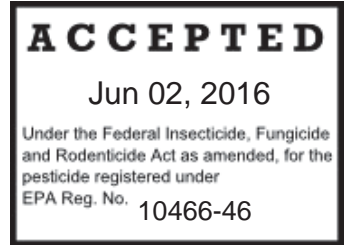
A handwritten signature in black ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure: Accepted Label

Ultra-Fresh DW-56

Biostat



DIRECTIONS FOR USE

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

Ultra-Fresh DW-56 is designed to control the growth of fungi and, bacteria in textiles; on the surface of feather and down; and exclusive of the state of California non-food contact aqueous coatings; polymeric materials such as fibres and films; non-food contact foams; adhesives; grout; mortar and mastics. **Ultra-Fresh DW-56** is to be used as directed in the accompanying Technical Data Sheet.

End-use treated articles incorporating this product may not make bacteriostatic or fungistatic claims, other than for preservation or protection of the treated article itself.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with 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.

EPA Reg. No. 10466-46
EPA Est. 81110-GBR-001

ACTIVE INGREDIENT

Zinc Omadine (Zinc, 2-pyridinethiol-1-oxide) 15%

Thiabendazole (2-(4-Thiazolyl)-1H-benzimidazole) 15%

INERT INGREDIENTS 70%

Total..... 100%

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing. Wear coveralls worn over short-sleeved shirt and short pants, socks, chemical-resistant goggles, chemical-resistant footwear, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing.

FIRST AID

If in Eyes	<ul style="list-style-type: none"> • 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 Swallowed	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. <p>Call a poison control center or doctor for treatment advice.</p>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call your local poison control center.

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: When not in use keep container closed. Do not store above 40° C/104° F.

PESTICIDE DISPOSAL: Pesticides are acutely hazardous. Improper disposal of excess pesticide 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.

CONTAINER DISPOSAL:

Nonrefillable container. Do not reuse or refill this container. Clean container 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 ¼ 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.

General: Consult Federal, State, or local disposal authorities for approved alternative procedures.

Manufactured for: Thomson Research Associates
49 Gervais Drive
Toronto, Ontario, Canada
M3C 1Y9

Ultra-Fresh is a registered trademark of Thomson Research Associates Inc

Net Contents: US Gallons

Technical Data Sheet

Ultra-Fresh DW-56 Biostat

Ultra-Fresh DW-56 is a suspension, ranging in colour from off-white to tan, designed to control the growth of fungi and bacteria in water-based coatings,

Ultra-Fresh DW-56 will control the growth of microorganisms on textiles. The following examples of products (substrates) suitable for finishing with this product: Textiles such as: Wearing apparel – for example work-wear, uniforms, sportswear, slacks, shirts, underwear, sweatshirts, sweatpants, socks, oven mitts, slippers, bathrobes, gloves, hats, scarves, jackets, incontinence pad cover stock, washable incontinence briefs and panties.

Household products, for example, upholstery, polyurethane foams for furniture, curtains, wall coverings, mops, yarns, cords, non-food contact toweling and blankets, sheets, pillowcases. Synthetic fiber wipes, tissues, foams and sponges (non-food contact). Automotive, boat, train and airplane seats and seat coverings.

Outdoor textile applications include cotton and cotton/poly blend ducking for use in canvas and awnings.

Ultra-Fresh DW-56 can be used to treat filter media, polyester fiber for use in tow and cut, for pet and animal bedding, synthetic brooms, mops, non-food contact cleaning implements, mop yarns, air filter media, wall and window coverings and dust towels. It can also be used on the surface of feather and down for fill in apparel and bedding.

Applications in water-based emulsions for non-food contact applications including adhesives, grout, mortar, mastics, latex and latex coatings except in the state of California.

DIRECTIONS FOR USE

The application levels given below are representative of those found to be successful in practical applications. For each specific use, one or more trial runs are recommended in order to determine the optimum application method and level of addition for substrate being treated.

1. Aqueous coatings on limited textiles

Polyurethane, acrylic, PVC and latex coatings and compounds may be rendered resistant to the growth of microorganisms by the incorporation of **Ultra-Fresh DW-56**. **Ultra-Fresh DW-56** can be added directly to the liquid system prior to the drying/heating/crosslinking/curing stage at dosage levels of 0.2% to 0.7% on the final weight of the coating. For some applications, minor formulation adjustments may be required to control physical properties.

2. Aqueous Polymer Systems and Coatings (not in the state of California)

Ultra-Fresh DW-56 may be utilised in a wide range of water-based polymers, adhesives and resin coating systems for non-food contact applications. Add **Ultra-Fresh DW-56** directly to the polymer system such that the dosage is in the range of 0.2 - 0.4% on the total weight of the finished goods. Its unique formulation will impart strong antimicrobial properties to a wide range of outdoor applications, construction, specialist and industrial coatings.

This list is only intended to give examples of the types of usages that the **Ultra-Fresh** products have been shown to be effective. **Ultra-Fresh** products are only intended to confer antimicrobial protection to treated articles, not to protect the people who are using them. Contact your local distributor to confirm that the usage type desired is acceptable according to Federal and local government regulations.

PHYSICAL PROPERTIES

Colour & Appearance: Opaque off-white to brown liquid
Specific Gravity: 1.05 – 1.20
pH: 6.9 – 7.9

HANDLING PRECAUTIONS

Ultra-Fresh DW-56 should be handled with care and common sense that is accorded to all biologically active chemicals. In case of contact with skin, remove and launder contaminated clothing before reuse. Consult Material Safety Data Sheet for more information.

SPILL CLEAN-UP PROCEDURES

For small spills, absorb with sand, clay or other inert absorbent and place in clean, dry container for disposal. Large spills should be diked to prevent spreading. Pump spilled material to containers for salvage or disposal. Absorb the residual material as for small spills. Clean the spill area with detergent and water. This product is toxic to fish. Keep discharge from entering sewers, lakes, streams, ponds, estuaries or public water sources. Dispose of in accordance to regulations.

STORAGE AND DISPOSAL:

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NOTICE

The technical information and suggestions for use made herein are based on TRA's research and experience and are believed to be reliable, but such information and suggestions do not constitute a warranty, and no patent liability can be assumed. Since TRA has no control over the conditions under which this product is transported, stored, handled, used or applied, it is TRA's intent that its liability on any basis be limited to the price of the product used.

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