



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 11, 2018

Olivia Laird
Agent
Thomson Research Associates, Inc.
49 Gervais Drive
Toronto, Ontario M3C 1Y9, Canada

Subject: Label and CSF Notification per PRN 98-10 – Updated Label and Basic CSF
Product Name: Ultra-Fresh DW-30 Biostat
EPA Registration Number: 92760-9
Application Date: 09/07/2018
Decision Number: 544205

Dear Ms. Laird:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

The CSFs submitted with your application have been stamped “Notification” and placed in our files.

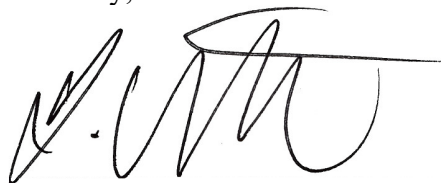
Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 12/03/2018

Any CSFs other than those listed above are superseded/no longer valid.

If you have any questions, please contact Terria Northern at 703-347-0265 or by email at northern.terria@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to be 'Z. Bain', with a long horizontal line extending to the right.

for

Zeno Bain, Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Ultra-Fresh DW-30

Biostat

NOTIFICATION

92760-9

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/11/2018

DIRECTIONS FOR USE

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

IN THE STATE OF CALIFORNIA THIS PRODUCT IS ONLY REGISTERED FOR CONTROLLING FUNGI & BACTERIA IN POLYURETHANE FOAMS AND PVC PLASTIC PVC & LATEX COATINGS FOR TEXTILES. PLEASE REFER TO THE TECHNICAL DATA SHEET FOR SPECIFIC USE DIRECTIONS.

Ultra-Fresh DW-30 is designed to control the growth of fungi, bacteria and algae in polyurethane foams, rubber, non-aqueous coatings, adhesives, PVC and grout mortar and mastics. Ultra-Fresh DW-30 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.

ACTIVE INGREDIENT

Zinc, 2-pyridinethiol-1-oxide**15%

2-(4-Thiazolyl)-1H-benzimidazole15%

INERT INGREDIENTS70%

Total.....100%

***Zinc Pyrithione*

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS:

Hazard to humans and domestic animals. Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or absorbed through skin. Wear coveralls worn over short-sleeved shirt and short pants, socks, chemical-resistant footwear, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gun, or using tobacco.

FIRST AID

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.• Call a 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 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.

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

Prohibitions: Do not store or transport in unlined metal containers. Do not contaminate with strong oxidizing or reducing agents. Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.

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:

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

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

Manufactured for:

Thomson Research Associates, Inc.
49 Gervais Drive
Toronto, Ontario, Canada
M3C 1Y9

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

Net Contents: US Gallons

EPA Reg. No. 92760-9
EPA Est. NO.: 70653-TX-1; 34310-MEX-1;
81110-GBR-1

Technical Data Sheet

Ultra-Fresh DW-30

Biostat

*Ultra-Fresh** DW-30 is a tan coloured suspension designed to control the growth of fungi, bacteria and algae in polyurethane foams, cellulosic sponges, rubber, non-aqueous coatings, adhesives and PVC.

DIRECTIONS FOR USE

The application levels given below are representative of those found necessary in practice. For each specific use, one or more trial runs are recommended in order to determine the best application level and method of addition for the particular end use.

1. Polyurethane foams

Polyurethane foams for furniture, carpet cushion and automotive applications may be rendered resistant to the growth of microorganisms by the incorporation of *Ultra-Fresh* DW-30. *Ultra-Fresh* DW-30 can be added directly to the liquid polyol prior to the polymerization process at the rate of 0.1% to 0.7% based on the final weight of the foam. For some foam applications, minor formulation adjustments may be required to control physical properties.

2. Cellulosic sponges

For the protection of cellulosic sponges *Ultra-Fresh* DW-30 can be added at the rate of 0.1% to 0.7% of weight of the sponge. *Ultra-Fresh* DW-30 should be added to the mulch prior to forming the final sponge.

3. Rubber

The addition of *Ultra-Fresh* DW-30 to rubber at a use rate of 0.1% to 0.7% based on the weight of the rubber can protect the rubber from bacteria, fungi and algae. The *Ultra-Fresh* DW-30 should be added during the processing stage prior to cross-linking of the rubber.

4. Non-aqueous coatings and PVC

Non-aqueous coatings and adhesives (acrylic, urethane, polyurethane, epoxy and polyesters) and PVC, in its many forms – (e.g. textile coatings, cable wrap, pool and flooring applications), can be rendered resistant to the growth of fungi, bacteria and algae by the incorporation of *Ultra-Fresh* DW-30. Add 0.1% to 0.5% by weight of *Ultra-Fresh* DW-30 on the total formula. Consult your local *Ultra-Fresh* representative for further information.

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: 1.17

VOC (ASTM Method D2369-93):..... 4

HANDLING PRECAUTIONS

Ultra-Fresh DW-30 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.

WASTE DISPOSAL PROCEDURES

Dispose of in accordance to regulations.

TOXICOLOGICAL INFORMATION

Corrosiveness To Skin (Test Species): Irritating

Corrosiveness to Eyes (Test Species): Irritating

This Product Is: Not sensitizing

Acute Oral LD₅₀ (mg/kg): 1534 Species: Rat

FIRST AID

In Case of Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes while holding eyelids wide apart. If discomfort persists seek medical attention.

In Case of Skin Contact: Remove contaminated clothing immediately. Wash affected area with mild soap and water. If irritation persists seek medical attention. Wash contaminated clothing and equipment before reuse.

In Case of Inhalation: Move subject to fresh air. If discomfort persists seek medical attention.

In Case of Ingestion: If conscious have subject drink one glass of water. Never give anything to an unconscious or convulsing person. Do NOT induce vomiting. Seek immediate medical attention.

Note To Physician: Treat according to symptoms, no known specific antidote.

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.