



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 2, 2019

Olivia Laird
Regulatory Affairs Manager
Thomson Research Associates
49 Gervias Drive
Toronto, Ontario, Canada, M3C 1Y9

Subject: Label Amendment – Removal of Apparel Uses and General Label Updates
Product Name: ULTRA FRESH NM
EPA Registration Number: 92760-4
Application Date: January 26, 2017
Decision Number: 540066

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. 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.

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

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with FIFRA section 6. If you have any questions, please contact Melanie Bolden by phone at (703) 347-0165, or via email at Bolden.Melanie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "DF", with a long horizontal line extending to the right.

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

Ultra-Fresh NM

BACTERIOSTAT

DIRECTIONS FOR USE

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

Ultra-Fresh NM is an additive designed for application to textiles at 2-5% on weight of goods to inhibit the growth of odor-causing bacteria on these surfaces.

Ultra-Fresh NM has been demonstrated to provide a durable treatment on washable fabrics when subjected to conventional laundrerings. For non-apparel textiles only.

Ultra-Fresh NM can be used to treat carpet backing (non-face fibers), latexes, air filters, and synthetic, cellulosic sponges, woven and non-woven general purpose cleaning cloths, pigment presscakes, dispersions, inks and adhesives. Do not use this product in food grade adhesives or inks.

Use Ultra-Fresh NM only for application onto end-use products to treat the article itself. Please consult the Technical Data Sheet for application parameters.

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

5-chloro-2-(2,4-dichlorophenoxy)phenol..... 3.0%

OTHER INGREDIENTS..... 97.0%

Total..... 100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS:

May be fatal if inhaled. Do not breathe dust, vapor or spray mist. Causes substantial but temporary eye injury. Avoid contact with skin or clothing. Do not get in eyes or on clothing. Wear respirator fitted with cartridge for organic vapors. Wear face shield or chemical goggles. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID

If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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 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.
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.

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

Pesticide Storage: Do not store above 100°F. Do not store or transport in unlined metal containers. Do not contaminate water, food or feed by storage or disposal or cleaning of equipment. Keep container tightly closed when not in use. Do not store with strong oxidizing agents or strong (concentrated) acids.

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 Handling:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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 1/4 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, Inc.

49 Gervais Drive
Toronto, Ontario, Canada
M3C 1Y9

181126

Net Contents: 4.7 gal (18 kg)



Technical Data Sheet

Ultra-Fresh NM

Bacteriostat

Ultra-Fresh NM is an aqueous emulsion designed to confer durable bacteriostatic properties to cotton, wool and synthetic textile fabrics such as fabrics used in domestics and household goods by inhibiting the growth of odour-causing bacteria. *Not for use in apparel.*

This product, when applied according to recommendations, will provide a durable treatment on washable fabrics when subject to conventional launderings.

Ultra-Fresh NM is used to protect pigment presscakes and dispersions and/or inks made from presscakes from the growth of bacteria.

Ultra-Fresh NM can be used to treat carpet backing (non-face fiber), latexes, air filters and synthetic and cellulosic sponges.

DIRECTIONS FOR USE

1. Textiles

Ultra-Fresh NM will inhibit the growth of odour causing bacteria on textile surfaces. These include non-apparel items including wall coverings, upholstery fabric, drapery fabric, blankets, cubicle curtains, mattress pads, mattress filling materials, pillow filling fibres and air filters.

An application of 2.0% to 5.0% based on fabric weight and durability requirements is recommended. It is recommended that all fabrics be scoured prior to treatment with **Ultra-Fresh NM**. **Ultra-Fresh NM** can be applied from the pad bath. Bath temperature has no effect on fabric pick-up of the product.

Exhaustion should be done for 10-15 minutes at temperatures ranging from 100°F to 120°F (38°C to 49°C).

No changes are required in existing procedures, e.g. for softener application, when adding **Ultra-Fresh NM**.

Ultra-Fresh NM can be added to the dyestuffs and auxiliaries used in all normal textile dyeing, and will confer durable bacteriostatic activity to the finished, dyed goods with no changes in dyeing procedure being required.

2. Polyester

Due to reduced substantivity, 100% polyester fibers need special application procedures to ensure durability. Please consult the corresponding Product Information Sheet for more details. Blends of polyester can be treated as per above general instructions.

3. Pigment Presscakes, Dispersions, Inks

Add 1-4% **Ultra-Fresh NM**, with thorough mixing, to an appropriate stage in manufacturing to confer resistance to bacterial growth in pigment presscakes, dispersions and inks.

4. Polymeric Systems

Also, incorporating **Ultra-Fresh NM** into the polymeric matrices of foams, latex and polyurethane gloves imparts protection. An application level of 2.0% to 5.0% based on dry polymer weight is recommended.

5. Synthetic & Cellulosic Sponges

Ultra-Fresh NM should be used at 1.5% to 3.0% on the weight of goods (o.w.g.). For additional bacteriostatic protection, **Ultra-Fresh DM-50** can be added at the rate of 0.15% to 0.3% o.w.g.

The application levels above are representative of those found necessary in practice. For each specific use, one or more trials runs are recommended to optimize the application level and method of addition for the particular product being treated. **Ultra-Fresh** products are only intended to confer antibacterial 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

Appearance:Clear liquid

Specific Gravity:1.00 - 1.06 (25°C / 77°F)

pH:.....7.1

SAFETY AND HANDLING

Refer to product label for safe handling and use directions. Refer to product Safety Data Sheet for health and safety 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

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

Clean container promptly after emptying.

For containers of 5 gallons or less:

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.

For containers of more than 5 gallons:

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and

roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Empty the rinsate into application equipment or the mix tank or store rinsate for later use or disposal. Repeat this procedure two or more times.

TOXICOLOGICAL INFORMATION

Acute Oral LD ₅₀ (rats)	>2,000 mg/kg
Acute Inhalation LC ₅₀ (rats)	>0.15 mg/L
Skin Irritation (rabbits)	Irritating
Eye Irritation (rabbits)	Irritating

FIRST AID

If inhaled move subject to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. If product comes in contact with 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 a poison control center or doctor for treatment advice. If product gets onto skin or clothing remove contaminated clothing immediately. Rinse skin immediately with plenty of water for 15-20 minutes. If swallowed, call a poison control center or doctor immediately for treatment advice. If conscious, have subject 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. Never give anything to an unconscious person.

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.

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