



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 2, 2020

Rebecca Mannion  
Authorized Representative for Thomas Research Associates, Inc.  
Thomas Research Associates, Inc.  
49 Gervais Drive  
Toronto, Ontario, Canada M3C 1Y9

Subject: Notification per PRN 98-10 – Minor Label Change in response to California DPR  
Review  
Product Name: ULTRA FRESH NM  
EPA Registration Number: 92760-4  
Application Date: February 5, 2020  
Decision Number: 560747

Dear Ms. Mannion:

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

If you have any questions, you may contact Melanie Bolden at (703) 347-0165 or via email at [Bolden.Melanie@epa.gov](mailto:Bolden.Melanie@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Melanie Bolden for".

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

# Ultra-Fresh NM

## BACTERIOSTAT

### NOTIFICATION

92760-4

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:

04/02/2020

#### 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.

\*Not approved for this use in the State of California

#### 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. 92760-4  
EPA Est. 87118-MA-001

#### 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

- 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

- 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.

###### If Swallowed

- 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.

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

#### 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  
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+64426/00127

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. Adhesives, 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 adhesives, 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.

\*Not approved for this use in the State of California

**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 <sub>50</sub> (rats)	>2,000 mg/kg
Acute Inhalation LC <sub>50</sub> (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.

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