



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

92760-7

Date of Issuance:

1/25/2018

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Ultra-Fresh FT-7

Name and Address of Registrant (include ZIP Code):

Thomson Research Associates, Inc.  
201 West Van Buren Street  
Columbia City, IN 46725

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on her/his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment request submitted by email on 01/03/2012. EPA grants this request under the authority of section 3(c)(5) of FIFRA, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for 2-n-Octyl-4-isothiazolin-3-one have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of FIFRA, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

Signature of Approving Official:

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

Date:

1/25/2018

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 these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

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

- Basic CSF dated 12/05/2014

If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at [heffernan.aline@epa.gov](mailto:heffernan.aline@epa.gov).

Enclosure: Stamped Label

**ACCEPTED**

Jan 25, 2018

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 92760-7

# Ultra-Fresh FT-7

## BACTERIOSTAT & FUNGISTAT

### DIRECTIONS FOR USE

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

**Ultra-Fresh FT-7** is an additive designed for application to textiles and polymeric systems at 1-1.5% on weight of goods to prevent the growth of bacteria and fungi on these surfaces. Treated plastics cannot be used to manufacture children's toys. Use only to treat carpet-backing. Not for use in carpet fibers. Refer to the Technical Data Sheet for specific applications.

### USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### PPE REQUIREMENTS

Wear chemical resistant gloves, goggles, face shield, chemical-resistant apron worn over long sleeved shirt and long pants and a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

### USER SAFETY RECOMMENDATIONS

User should wash hands before, eating, drinking, chewing gum or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### Physical and Chemical Hazards

The product is incompatible with oxidizing and reducing agents.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. 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 INGREDIENTS

2-n-Octyl-4-isothiazolin-3-one.....6.1%

5-chloro-2-(2,4-dichlorophenoxy)phenol .....1.0%

**INERT INGREDIENTS**.....92.9%

Total.....100.0%

## KEEP OUT OF REACH OF CHILDREN WARNING

### PRECAUTIONARY STATEMENT:

May be fatal if inhaled. Causes substantial but temporary eye injury. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Do not breathe vapors. Wear protective clothing (goggles and face shield, rubber gloves) when handling. Use adequate ventilation. Wash thoroughly with soap and water after handling.

### FIRST AID

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Dilute by giving 2 glasses of water to drink.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Never give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• IMMEDIATELY flush effected area thoroughly with water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible</li> </ul>

**NOTE TO PHYSICIAN:** Probable mucosal damage may contra-indicate the use of gastric lavage.

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

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 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.**

Net Contents: 4.6 gal/25 kg

**E.P.A. Reg. No. 92760-7**

**E.P.A. Est. No. 87118-MA-1**

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

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

# TECHNICAL DATA SHEET

## *Ultra-Fresh*\* FT-7

### Bacteriostatic and Fungistatic Liquid Preservative

E.P.A. Registration No. 10466-42

#### PRODUCT DESCRIPTION

*Ultra-Fresh*\* FT-7 is a clear pale yellow liquid used for rendering fabrics and water-based emulsions resistant to attack by microorganisms. Textiles applications include furniture and automobile upholstery, outdoor applications such as cotton and cotton/poly blend ducking, canvas and awnings, indoor applications such as linings, wall & window coverings, towels, dust towels, linen, bedding and mattress ticking. *Ultra-Fresh*\* FT-7 can be used to treat outer wear, hosiery, interlining fabrics for footwear and feather and down. Other applications are carpet backing and under padding, (*not for use in carpet fibers*) bedding for pets and animals, synthetic brooms, mops and cleaning implements, mop yarns, air filter media and polyester fiber, tow and cut. Applications in water-based emulsions include adhesives, latex and latex coatings. Treated plastics cannot be used to manufacture children's toys.

#### DIRECTIONS FOR USE

The application levels given below are representative of those found necessary in practice. It is recommended that all fabrics be scoured prior to treatment with *Ultra-Fresh*\* FT-7. For each specific use, a trial run is recommended in order to determine the best application level and method of addition for the particular product being treated.

#### 1. Fabrics

##### a) Exhaustion Procedure

*Ultra-Fresh*\* FT-7 should be added at the level of 1.0% to 1.5% based on the weight of the goods. The bath ratio should ideally be 1:10. *Ultra-Fresh*\* FT-7 can be added in the same bath as softeners or antistatics.

The *Ultra-Fresh*\* FT-7 should be added to the cold liquor (room temperature), run for 5 minutes cold, and then the temperature raised to 49C/120F over a period of 15 minutes. The bath is maintained at this temperature for a further 15 minutes, and then dropped.

##### b) Padding

The padding bath is prepared so that the fabric picks up allowing for the expected pick-up, a level of 0.8% to 1.5% *Ultra-Fresh*\* FT-7, based on the weight of the goods. Final percentage depends on end-use requirements.

As with the exhaustion procedure, the *Ultra-Fresh*\* FT-7 can be co-applied with softeners or antistatics.

##### c) Co-Treatment with Resins/Softeners

*Ultra-Fresh*\* FT-7 is compatible with most resin/softener systems. The *Ultra-Fresh*\* FT-7 is added into the resin/softener bath, along with the other ingredients, at a level sufficient to give an application of 0.8% to 1.5% (based on the weight of the goods) on the fabric. Final percentage depends on end-use requirements

**2. Water-Base Emulsions/Adhesives**

Water-base adhesives and related emulsion systems can be rendered resistant to biologically induced instability and degradation by the addition of *Ultra-Fresh*\* FT-7. An application level of 1.0% to 1.5% w/w based on total emulsion weight is recommended. *Ultra-Fresh*\* FT-7 should be treated as one of the components and added prior to mixing. The in-can and in-use protection conferred by *Ultra-Fresh*\* FT-7 will last indefinitely in the undiluted adhesive or emulsion. Not for use in food grade adhesives.

**3. Polymer Systems**

Polymeric materials such as cellulose (as in sponges) can be rendered resistant to the growth of mildew by the incorporation of *Ultra-Fresh*\* FT-7. Apply 1.0% to 1.5% by weight of *Ultra-Fresh*\* FT-7 in a post treatment. The exact amount required for a specific usage can be readily determined by means of a preliminary trial.

**4. Feathers & Down**

Add *Ultra-Fresh*\* FT-7 to the final rinse when processing feather and down. The amount of *Ultra-Fresh*\* FT-7 should be between 1.0 to 1.5% based on the dry weight of the feather or down. Alternatively *Ultra-Fresh*\* FT-7 can be added with a resin system for added wash durability.

**HANDLING PRECAUTIONS**

*Please refer to product label for handling precautions.*

**STABILITY**

*Ultra-Fresh*\* FT-7 as supplied appears to be stable indefinitely at room temperature. For aqueous treatment solutions stability is dependant on the dilution ratio. The product is not stable in the presence of ammonia, primary, or secondary amines, or salts of these bases.

**DECONTAMINATION PROCEDURES**

Refer to product label for specific PPE requirements. Spills should first be contained by diking with earth, sand, etc. Shovel absorbed spill into containers for burial. Decontaminate spill area by flooding with a solution of 5% sodium bicarbonate and 5% of sodium hypochlorite in water. The decontamination process is slightly exothermic. Adding solid sodium bicarbonate to any household bleach containing 5% hypochlorite makes up the decontamination solution. Rinse decontaminated spill area to sewer. Showers are recommended after any handling or exposure.

**WASTE DISPOSAL PROCEDURES**

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. Offer for recycling, if available. Consult Federal, State, or local disposal authorities for approved alternative procedures if recycling is not 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.

#### **FIRST AID**

If swallowed call poison control center or doctor immediately for treatment advice. Dilute by giving 2 glasses of water to drink. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person. If on skin or clothing take off contaminated clothing. IMMEDIATELY flush effected area thoroughly with water for 15-20 minutes. Call a poison control center or doctor for treatment. 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 a 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 respirations, preferably mouth to mouth if possible

NOTE TO PHYSICIAN: **Probable mucosal damage may contra-indicate the use of gastric lavage.**

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.

#### **PHYSICAL PROPERTIES**

Appearance: ..... Clear, pale yellow liquid  
pH (Neat) ..... 6.2 – 7.7  
Density: ..... 7.9 – 8.7 lb./gal  
Viscosity @ 25C/77F: ..... ~1 cps  
Flash Point ..... >93C/200F  
Solubility in water (25C/77F):..... Moderately soluble

#### **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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