



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

EPA Reg. Number:

6836-417

Date of Issuance:

11/25/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Triadine 10 – Lonza Industrial
 Microbiostat

Name and Address of Registrant (include ZIP Code):

Lonza, Inc.
 412 Mount Kemble Avenue
 Suite 200S
 Morristown, NJ 07960

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 under the Federal Insecticide, Fungicide and Rodenticide Act.

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 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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Kathryn V. Montague, Acting Product Manager 33
 Regulatory Management Branch I
 Antimicrobials Division (7510P)

Date:

11/25/19

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. Sodium omadine or sodium, 2-pyridinethiol-1-oxide) GDCI-088004-1663
 - b. Hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine GDCI-083301-1554

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 6836-417.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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 fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). 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 02/13/2019

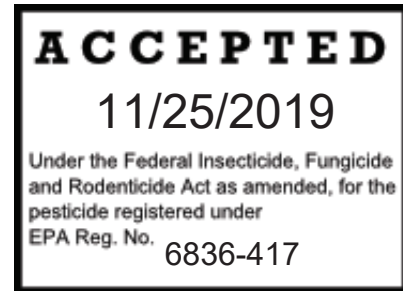
If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at northern.terriat@epa.gov.

Enclosure: Accepted label

TRIADINE® 10 - LONZA INDUSTRIAL MICROBIOSTAT

Active Ingredients:

Sodium, 2-pyridinethiol-1-oxide	6.4%
Hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine.....	65.9%
Inert Ingredients.....	<u>27.7%</u>
Total.....	100.0%



EPA Reg. No. 6836-URT
EPA Est. No. 1258-NY-3

KEEP OUT OF REACH OF CHILDREN

DANGER

[Note to Reviewer. The signal word for this product is "DANGER". The following components of this master label, at a minimum, will appear on the front panel of all distribution labels. If the distribution label has a single panel and multiple columns, these components will appear in the center column or in an immediately adjacent column: Product Brand Name, Ingredient Statement, Signal Word, Child Hazard Warning, First Aid Statement, Company Name and Address, EPA Registration Number, EPA Establishment Number.]

SEE PRECAUTIONARY STATEMENTS ON SIDE PANEL

MANUFACTURED FOR:

Lonza, Inc.
412 Mount Kemble Avenue, Suite 200S
Morristown, NJ 07960

[Made in the USA.]

TRIADINE® is a registered trademark of Lonza, Inc.

Net Weight *{as indicated on container}*.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through skin or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wear long sleeved shirt and long pants, socks and shoes, chemical-resistant gloves (such as rubber gloves or made of any waterproof material), goggles and face shield. 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long sleeved shirt and long pants, socks and shoes, chemical-resistant gloves (such as rubber gloves or made of any waterproof material), goggles and face shield.

USER SAFETY REQUIREMENTS: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing.

FIRST AID:

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 on Skin or Clothing: 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: 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 Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. Call a Poison Control Center or doctor for further treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

In case of emergency, for additional information call 1-800-654-6911.

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

PHYSICAL AND CHEMICAL HAZARDS: Do not store or mix with strong oxidizing agents or strong (concentrated) acids. In case of contamination, do not reseal container. If possible, isolate container in open air or well-ventilated area. Fumes caused by contamination may be hazardous. This pesticide is a chelating agent and should not be used with other chelating agents or chlorine.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Do not store above 100 degrees F. (38 deg. C.). Keep container tightly closed when not in use. Do not store with strong oxidizing agents or strong (concentrated) acids.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

[For containers > 5 gallons] Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

[For containers ≤ 5 gallons] Triple rinse as follows: Empty 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.

[For Totes/IBCs] Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

[For Bulk Shipments and Transport Vehicles such as Portable Tanks, Tanker Trucks, Tank Trailers and Railcars] Emptied container retains vapor and product residue. Observe all precautions stated on this label until the container is cleaned, reconditioned or destroyed. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, and worn-out threads and closures. Clean thoroughly before reuse for transportation of a material of different composition or before retiring this transport vehicle from service.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons.

Use of this chemical in paints, stains, coatings, and institutional and household cleaning products, is prohibited.

¹FOR THE IN-CAN PRESERVATION OF LATEX EMULSIONS USED IN ADHESIVES, CAULKS, PATCHING COMPOUNDS, SEALANTS AND PASTES GROUTS: To inhibit microbial growth in latex emulsions for a period of up to 1 year, a dosage of up to 1500 ppm of this product (0.15 lbs. of this product per 100 lbs. of emulsion) is recommended. This product may be added at any time during the formulation procedure by pouring from the container.

¹FOR THE PRESERVATION OF AQUEOUS ANALYTICAL AND DIAGNOSTIC REAGENTS USED IN CHEMICAL AND CLINICAL ANALYSIS: Addition of 300 ppm to 500 ppm of this product inhibits the growth of bacteria in aqueous analytical and diagnostic reagents (0.03 lb. to 0.05 lb. of this product per 100 lbs. of reagent).

¹IN AQUEOUS SYNTHETIC FIBER LUBRICANTS (SPIN FINISHES): Addition of up to 1000 ppm of this product will inhibit the growth of bacteria and the formation of slime in synthetic fiber lubricants for periods of two to four weeks during use. (0.1 lb. of this product per 100 lbs. of lubricant).

¹IN AQUEOUS-BASED INKS: Addition of up to 5000 ppm of this product will inhibit the growth of bacteria and fungi in aqueous-based inks. (0.5 lbs. of this product per 100 lbs. of ink).

TO INHIBIT THE GROWTH OF BACTERIA AND FUNGI IN AQUEOUS METALWORKING, CUTTING, COOLING AND LUBRICATING FLUIDS: Add up to 2000 ppm (0.2% v/v) of this product to the solution (20 gallons per 10,000 gallons) by pouring from container as needed. When adding fresh, diluted fluid to compensate for dragout or other losses, add this product to the make-up fluid according to the above directions. Frequent checks (at least once a week) of the bacterial and fungal population in the system should be made using standard microbiological plate count procedures or any of the commercial "dip-stick" type devices. When the bacterial count reaches 10^7 and/or the fungal count reaches 10^3 organisms per ml, add additional product at the initial dosage rate.

The fluid should be checked at least once a day with a refractometer (or other suitable means) to determine if water loss by evaporation has occurred. Make-up water should be added daily to compensate for such losses. The fluid should be monitored at least once a week (depending on the metalworking operation involved) for the following: Tramp oil, pH, odor, oil droplet size, and anticorrosion properties. If any of these parameters are outside of the specifications established for the system in question, they should be brought up to the specifications by the addition of suitable additives or the fluid should be discarded and replaced after cleaning the system. Add this product to the fresh fluid according to the above directions. Contaminated fluid systems should be leaned prior to the initial addition of this product. Drain the system, clean with a cleaner designed for this purpose, rinse with water and refill with fresh fluid. This product may be added to the fluid at the time it is prepared (diluted) or to the reservoir (sump) containing the fluid after it is put into use. If it is added to the reservoir, the fluid should be circulated after addition to ensure mixing.

For metal working fluids, the maximum use concentration is 500 parts per million (ppm) of active ingredient.

¹Not approved for use in California

¹TO INHIBIT THE GROWTH OF BACTERIA AND FUNGI IN METALWORKING, CUTTING, COOLING AND LUBRICATING FLUID CONCENTRATES: Add an amount that will give up to a 2000 ppm solution. The amount required in the concentrate will depend on the end use dilution. To calculate the correct amount of this product to incorporate into the concentrate:

1. Determine the desired dose of this product required for the dilute fluid (i.e., 0.2% or 2000 ppm).
 2. Determine end-use concentration of the fluid (i.e., 0.05 or 5%).
- Divide the required dose of this product by the end-use concentration of the fluid (i.e., $0.2/0.05 = 4$), then 4% (by weight based on total batch weight of coolant concentrate) is the amount of this product to incorporate into the fluid concentrate so that a 5% dilution will contain 2000 ppm of this product.

The following chart describes other dilutions:

<u>Level of Triadine 10 Desired In End-Use Diluted Fluid</u>	<u>End Use Dilution of Conc</u>	<u>Amt. Of Triadine 10 to Add to Concentrate</u>
2000 ppm	5%	4% (40,000ppm) 40 gal./1000 gal.Conc
1500 ppm	5%	3% (30,000ppm) 30 gal/1000 gal Conc.
1000 ppm	5%	2% (20,000ppm) 20 gal/1000 gal Conc.
2000 ppm	4%	5% (50,000ppm) 50 gal/1000 gal. Conc.
1500 ppm	4%	3.75% (37500ppm) 37.5gal/1000 gal Conc.
1000ppm	4%	2.5% (25,000ppm) 25 gal/1000 gal Conc.

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