



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

EPA Reg. Number:

6836-440

Date of Issuance:

10/23/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

DENSIL® ZOD - LONZA
ANTIMICROBIAL

Name and Address of Registrant (include ZIP Code):

Lonza, Inc.
412 Mount Kemble Ave
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:

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

Date:

10/23/19

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. Diuron GDCI-035505-1594
 - b. 2-n-octyl-isothiazoline-3-one GDCI 099901-1469

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. Be aware that proposed data requirements have been identified in a Work Plan or proposed DCI. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 6836-440.”
5. 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 07/18/2019
- Alternate CSF 1 dated 07/18/2019
- Alternate CSF 2 dated 07/18/2019
- Alternate CSF 3 dated 07/18/2019
- Alternate CSF 4 dated 07/18/2019

If you have any questions, please contact Jake McFarley by email at mcfarley.jake@epa.gov.

Enclosure: Stamped Label

Note to Reviewer: Text in [Square Brackets] are notes to the label reviewer. Text in {curly Brackets} is optional.

DENSIL® ZOD - LONZA ANTIMICROBIAL



ALERNATE BRAND NAMES:
 DENSIL® ND – LONZA ANTIMICROBIAL

To Inhibit the Growth of Fungi and Algae in Paints and Stains, Masonry Coatings, Plasters, Caulks and Sealants, Stucco, Mastics, and Joint Cements.

Active Ingredient:

3-(3,4-dichlorophenyl)-1,1-dimethyl urea (Diuron).....	15.0%
Zinc, 2-pyridinethiol-1-oxide.....	10.0%
2-n-octyl-isothiazoline-3-one.....	3.0%
Other Ingredients:	<u>72.0%</u>
Total.....	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER [PELIGRO]

[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 [SIDE] [BACK] [RIGHT] [LEFT] PANEL FOR PRECAUTIONARY STATEMENTS

MANUFACTURED FOR/BY:
 Lonza, Inc.
 412 Mount Kemble Avenue, Suite 200S
 Morristown, NJ 07960

[Made in [Enter country of origin]]

EPA Reg. No. 6836-NEW43
 EPA Est. No. [Enter EPA Establishment Site]
 Net Weight [Enter Net Weight]

Densil® is a registered trademark of Lonza, Inc.

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). 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. Avoid breathing spray mist. Wear long sleeved shirt, and long pants, socks, shoes and gloves.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear protective eyewear (goggles, safety glasses or face shield), chemical-resistant gloves and protective clothing (long-sleeved shirt and long pants with socks and shoes).

USERS SAFETY REQUIREMENTS:

Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, 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.

USER SAFETY INSTRUCTIONS:

Users must 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 personnel protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly

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. 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, then give artificial respiration, preferable by mouth-to-mouth if possible. Call a poison Control Center or doctor for further treatment advice.

Note to Physician: Causes irreversible eye damage. Probable mucosal damage may contraindicate the use of gastric lavage

Have the product container or label with you when you call a Poison Control Center or doctor, or when going for treatment. In case of emergency or for additional information call 1-800-654-6911

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, 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.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment.

PESTICIDE STORAGE: Store in a cool place. Protect from excessive heat.

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 containers}

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 procedures approved by state and local authorities.

{For containers >5 gallons or 50 lbs net weight}

Triple rinse as follows: Fill container $\frac{1}{4}$ full with water. 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. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times.

{For containers \leq 5 gallons}:

Triple rinse as follows: Fill container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Drain for 10 seconds after the flow begins to drip. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat procedure two more times.

{Refillable containers, all sizes}

Refillable container. Refill this container with pesticide only. Do not use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

{For Totes/IBCs} Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container $\frac{1}{4}$ 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.

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{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.

[“Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)”]

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.

Densil® ZOD - Lonza Antimicrobial is an antimicrobial preservative to inhibit the growth of fungi and algae in Paints and Stains, Masonry Coatings, Plasters, Caulks and Sealants, Stucco, Mastics, and Joint Cements.

Densil® ZOD - Lonza Antimicrobial is typically effective when applied at the suggested concentrations shown. All concentrations are based on the total formulation weight. Add Densil® ZOD - Lonza Antimicrobial to paints and coatings at the end of the manufacturing cycle, at a point in the process where thorough mixing of Densil® ZOD - Lonza Antimicrobial into the preserved product will occur.

Substrate	Effective Conc. (%)	Effective Conc. (lbs./100 gal)	Effective Conc. (ppm)
Paint	0.7 – 2.3%	7 – 23 lbs/100 gal.	7,000 – 23,000 ppm
Wood stains	0.5 – 2.3%	5 – 23 lbs/100 gal.	5,000 – 23,000 ppm
Masonry coatings, plasters and joint cements	0.2 – 1.2%	2 – 12 lbs/100 gal.	2,000 – 12,000 ppm
Caulks, sealants, mastics, and stucco	0.5 – 2.0%	5 – 20 lbs/100 gal.	5,000 – 20,000 ppm