



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

103786-1

Date of Issuance:

7/2/25

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Shieldex 44/10 Registered

Name and Address of Registrant (include ZIP Code):

Megan Priest
Agent for Shieldex 44/10 Registered
C/O Delta Analytical Corporation
12510 Prosperity Dr. Suite 160
Silver Spring, MD 20904
Electronic Transmittal: mpriest@delta-ac.com

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 (FIFRA).

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:

Steven Snyderman, Product Manager 33
Regulatory Management Branch II
Antimicrobials Division (7510M), Office of Pesticide Programs

Date:

7/2/25

2. You are required to comply with the data requirements described in the DCI Order identified below:

- a. Silver: GDCI-072501-1129

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

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 103786-1.”
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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

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 6/6/2025

If you have any questions, please contact Srinivas Gowda by phone at 202-565-0078, or via email at gowda.srinivas@epa.gov.

Enclosure: Stamped Label

Shieldex® 44/10 Registered

Shieldex® 44/10 Registered is an antimicrobial silver coated nylon fiber, fabric, or staple for commercial and industrial use. Shieldex® 44/10 Registered is effective in inhibiting the growth of non-public health bacteria and fungus in products. Shieldex® 44/10 Registered is composed of:

<u>Active Ingredient</u>	
Silver	11.6%
<u>Other Ingredients</u>	<u>88.4%</u>
Total	100%

THIS PRODUCT CONTAINS 0.12 LBS OF SILVER PER LB OF
Shieldex® 44/10 Registered

EPA Reg. # 103786-

EPA Est. #

KEEP OUT OF REACH OF CHILDREN (KOROC)

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information on product use, etc., call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday – Friday, 8:00 am – 12:00 pm Pacific Time; email: npic@ace.orst.edu; or website: <http://npic.orst.edu/>. You may also contact the Poison Control Center at 1-800-222-1222 for emergency medical treatment information.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Do not use in facilities discharging directly or indirectly to estuarine or marine environments. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with the requirements of a National Pollution 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.

Directions For Use

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

Blending and Formulating Instructions for the Listed Materials:

Shieldex is a silver coated nylon fiber, fabric, or staple. The percentage of Shieldex fiber, fabric, or staple and its location on the product will depend on the specific needs of the manufacturer, the design and product matrix, the level and type of performance needed and the method of manufacture.

Products containing Shieldex® 44/10 Registered may not make claims of antimicrobial activity other than protection of the article itself against bacterial growth and mold in the treated article.

Application

Textile Manufacturing

MIC

0.5-20.0%

Shieldex® 44/10 Registered independent testing is **always required** to validate matrix efficacy. Applications included are: outerwear apparel, coats, jackets, caps, t-shirts, socks, towels, bathrobes, hats, gloves, scarves, face coverings, shoes, bags, athletic apparel, shorts, thermal athletic apparel, sports bras, bras, pantyhose, underwear, pillows, mattresses, bedding (sheets, pillowcases, mattress pads, mattress covers), sleepwear, upholstery, liners and value added mixed nylon fiber, fabric, or staple.

Storage and Disposal

Pesticide Storage: Store in a safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength.

Pesticide Disposal: The pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, or recovery of metals, 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. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[Produced] [Manufactured] [for]

V Technical Textiles, Inc.

320 South Main Street

Newark, NY 14513

[Produced] [Manufactured] [by]

Statex Produktions-und Vertriebs GmbH

Kleiner Ort 9-11

28357 Bremen, Germany