



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

84610-2

Date of Issuance:

7/2/20

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Polyguard – NSPW Nanosilver
 Master Batch

Name and Address of Registrant (include ZIP Code):

Poly-Technical Solutions, Ltd.
 65 Torrey Pines Ct.
 Newnan, GA 30265

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

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

Signature of Approving Official:

Kathryn V. Montague, Senior Regulatory Advisor
 Regulatory Management Branch 1, Registration Division (7510P)

Date:

7/2/20

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 84610-2.”
3. Submit one copy of the revised 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 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 09/13/2019
- Alternate CSFs 1 and 2 dated 09/13/2019

If you have any questions, please contact Kathryn Montague by phone at 703-305-1243, or via email at montague.kathryn@epa.gov.

Enclosure

EMERGENCY CONTACT INFORMATION

Have the product label or container with you when calling a poison control center or a doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific time. During all other hours, call the Poison Control Center at 1-800-222-1222.

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not store in areas accessible to children. Keep container tightly closed. Keep container in cool area and away from direct sunlight.

Pesticide Disposal: Waste disposal must be in accordance with federal, state, and local environmental control regulations.

Container Handling: Non-refillable Container. Do not reuse or refill this container. Dispose of container in sanitary landfill or by incineration, if allowable by state and local authorities.

WARRANTY STATEMENT

Poly-Technical Solutions, Ltd. warrants that this product conforms to the chemical description on the label. Poly-Technical Solutions, Ltd., makes no warranties of merchantability or fitness for a particular use or any other expressed or implied warranty except as so stated above.

ACCEPTED

07/02/2020

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under
EPA Reg. No. 84610-2

Polyguard-NSPW-Masterbatch

A polymeric antimicrobial additive engineered for integrated use in the manufacture of yarns, filaments, fibers, and knitted, woven or nonwoven textile fabrics, and subsequent manufactured treated article products.

Active Ingredient: Nanosilver*

Other Ingredients:

1.00%
99.00%
100.00%

TOTAL:

* Includes particles in the size range between 1 to 100 nm.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

Causes Moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Wear long-sleeve shirt, long pants, and shoes plus socks.

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, the continue rinsing.

IF SWALLOWED: Rinse mouth and throat thoroughly with tap water, seek medical attention.

IF ON SKIN: Wash skin with soap and water, remove contaminated clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms. 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 sewer 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.

This product may not be used for applications involving food contact, food packaging, or drinking water.

Polyguard-NSPW- Masterbatch is a polymeric intermediate antimicrobial additive intended for commercial and industrial use. It is engineered for integrated use during the manufacturing process to impart durable antimicrobial activity to the manufactured product.

****See Technical Bulletin for detailed use information****

Polyguard-NSPW-Masterbatch suppresses the growth of odor and stain-causing bacteria and fungi which can cause discoloration, and deterioration of untreated manufactured products.

Finished products containing NSPW-L30SS antimicrobials may not make public health claims relating to antimicrobial activity without EPA pesticide registration. When used in treated articles, this product does not protect users of any such treated article or others against food borne or disease causing bacteria, viruses or other disease causing organisms.

Polyguard-NSPW-Masterbatch is suitable for incorporation into treated articles listed in the technical bulletin. The Maximum application rate for treatment of finished product is 0.003% (by weight) or 30 ppm of nanosilver.

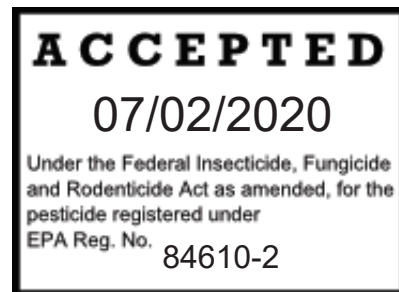
DATE MANUFACTURED:
BATCH NUMBER:
LOT #:
EXPIRATION DATE:

EPA Registration No: 84610-E EPA Establishment No: 084610-FL-001

Net Contents: 25 kilograms

Polyguard-NSPW-Masterbatch Antimicrobial Additive

TECHNICAL BULLETIN
Refer to the container label for more information



Polyguard-NSPW-Masterbatch is a polymeric intermediate containing a nanosilver-silica based antimicrobial additive intended for commercial and industrial use. It is engineered for integrated use in the production of yarns, filaments, fibers, and knitted, woven or nonwoven textile fabrics, and subsequent fabricated treated articles listed below.

Polyguard-NSPW-Masterbatch suppresses the growth of microbes which can cause unpleasant odors, discoloration, staining and deterioration of those manufactured products.

Finished products containing Polyguard-NSPW-Masterbatch may not make public health claims relating to antimicrobial activity without EPA pesticide registration. When used in treated articles, this product is not intended to protect users of any such treated article or others against food borne or disease causing bacteria, viruses or other disease causing organisms.

DIRECTIONS FOR USE

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

Polyguard-NSPW-Masterbatch is suitable for incorporation into manufactured products listed below. The maximum application rate for treatment of finished product is 0.003% (by weight) or 30 ppm of nanosilver. Consult your Poly-Technical Solutions Ltd. Sales Engineer to determine appropriate application rate of Polyguard-NSPW-Masterbatch for your individual finished product.

NON-FOOD USE; INDOOR; FIFRA§ 2 (mm) USES:

Textiles: for use in synthetic fibers, filaments, and fabrics including, natural and synthetic blended fabrics; non woven fabrics; draperies; shower curtains; curtains; fabric wall coverings; mops; upholstery; sleeping bags; filters; packaging; bags; umbrellas; outerwear, performance sportswear; uniforms/apparel including, military, medical, restaurant, athletic, hospitality; tee-shirts; jacketliners; aprons; gloves; shoes; athletic footwear; socks; hosiery; stockings; boxer briefs; helmets; sports bags; rucksacks/backpacks; tents/ traps; cloth for sails; awnings; place mats; mattress covers; linens, including sheets, blankets, pillows and pillow cases, towels, wash clothes; floor mats;